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Rapport d'essais du profil CAST 10 en transition déclenchée, effectués dans la soufflerie transsonique cryogénique T2 en présence de parois auto-adaptables.

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RESUME D'AUTEUR :

Ces essais sont la suite de ceux effectués en transition naturelle et présentés dans le rapport précédent , R.T. OA n° 59/1685 AND (DERAT n° 4/5019 DN) - Mars 1985.

Un complément a tout d'abord été effectué, pour préciser la position de la transition sur l'extrados du profil, par une exploration longitudinale dans la couche limite (critère de Jones).

Puis, dans un premier temps, la transition n'a été déclenchée qu'à l'intrados du profil par une bande de carborundum de hauteur 0,045 mm placée à x/c = 5 % (noté T. 1/2 D.), afin de mieux séparer les phénomènes liés à l'intrados et ceux liés à l'extrados en transition naturelle (T.N.).

Dans une deuxième phase, la transition a été déclenchée normalement sur les deux faces du profil (T.D.), également à x/c = 5 % et h = 0,045 mm. Les configurations des essais de la campagne précédente ont été reprises, et les résultats des trois cas (T.N.) (T. 1/2 D.) et (T.D.) sont comparés ; particulièrement en ce qui concerne l'effet du nombre de Reynolds sur les coefficients aérodynamiques du profil.

On observe le regroupement des valeurs expérimentales vers 20 millions de Reynolds, obtenu par des évolutions différentes suivant les cas considérés.

NOTIONS D'INDEXAGE

Essais du profil - Profil CAST 10 - Transition naturelle - Effet Reynolds - Soufflerie cryogénique - Soufflerie transsonique

LISTE DE DIFFUSION

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ONERA N° 63 / 1685 AND

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TABLE OF CONTENTS

ABSTRACT

This technical report describes the tests on the CAST 10 airfoil in tripped-transition, carried out in the cryogenic and transonic wind-tunnel T2 fitted with self-adaptive walls.

These tests follow those which were performed in natural transition and were presented in a previous note : R.T. OA n° 59/1685 AND (DERAT n° 4/5019 DN) ONERA /CERT - March 1985.

Firstly, a complement was realized to precise the location of the natural transition on the upper surface of the airfoil ; this was done by a longitudinal exploration in the boundary layer (JONES criterion).

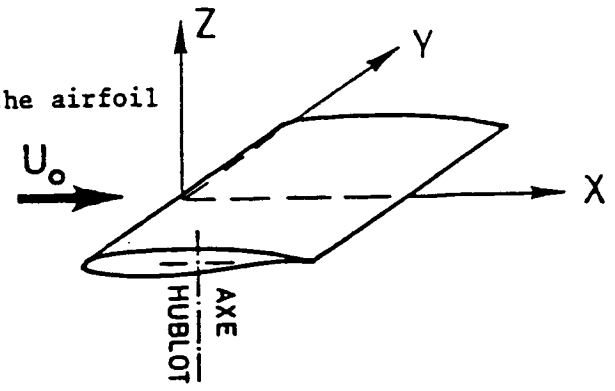
Secondly, in a first stage, the transition was only tripped on the lower surface with a carborundum strip of 0.045 mm height, situated at 5 % of chord (noted T. 1/2 D.). These tests were performed here to separate the phenomena in relation to the lower surface and those in relation to the supper surface which occur in natural transition (T.N.).

In a second stage, the transition was normally tripped on both sides of the profile (T.D.), likewise at x/c = 5 % and h = 0.045 mm. The test configurations of the previous serial were experimented again and results obtained in the three cases (T.N.), (T. 1/2 D.) and (T.D.) were compared, in particular those concerne with the effect of the REYnolds number on aerodynamic coefficients of the airfoil.

We observe the gathering of the experimental values around 20 millions Reynolds number ; but before this number, the evolutions of the curves in the three cases tested are different.

LIST OF SYMBOLS

c	chord of the airfoil
α	angle of attack
XPH	abscissa of the pressure holes in the top wall
XPB	abscissa of the pressure holes in the bottom wall (in mm)
XV	abscissa of the jacks
X, Y, Z	cartesian coordinates relative to the airfoil
NB	iteration number of the test



PRESSURES

P_{SL}	local static pressure
$P_{ref} = P_S$	upstream static pressure as reference
P_{SS}	static pressure in the wake
DPS =	$P_{SS} - P_{ref}$ (loss in static pressure in the wake)
DPS/PS	relative value of the static pressure in the wake
P_i, P_T	total pressure in the settling chamber
P_{iS}	total pressure in the wake
DPI =	$P_{iS} - P_i$ (loss in total pressure in the wake)
DPI/PI	relative value of the total pressure in the wake (%)
K_p	pressure coefficient

MACH

Mo	infinite upstream Mach number
M_L	local Mach number of the airfoil calculated from P_{SL}/P_i

TEMPERATURES

TPR	temperature of the airfoil
TPG	temperature in the settling chamber
T_i, T_T	total temperature of the test
T_{iS}	total temperature in the wake
DTI =	$T_{iS} - T_i$ (variation of the total temperature in the wake)
DTI/TI	relative value of the total temperature in the wake
T_W	wall temperature
T_f	skin friction temperature $T_f/T_i = (1 + 0.2\ r\ M^2)/(1 + 0.2\ M^2)$

AERODYNAMIC COEFFICIENTS

Cz	lift coefficient
Cxp	pressure drag coefficient
Cxs	drag coefficient (measured in the wake)
Cm	pitching moment coefficient (calculated at 25 % of chord)
Rc	Reynolds number of the airfoil chord

Subscripts

p	wall
s	wake

1 - INTRODUCTION

This study is a part of a collaboration between the ONERA (FRANCE), the DFVLR (GERMANY) and the NASA (USA). The tests will be carried out on the same model of a supercritical airfoil CAST 10 having a chord of 180 mm ; it was designed by DORNIER (GERMANY).

Two series of tests have been made in the cryogenic wind tunnel T2 fitted with self-adaptive walls (ONERA/CERT). The first series concerns only tests in natural transition (T.N.) where particular care has been taken to avoid false tripping ; the results are reported in a previous note /14/.

This technical report is related to the second series of tests where the transition was, at first, tripped only on the lower surface of the airfoil (T.1/2 D.) and, in a second stage, tripped normally on both sides of the profile (T.D.). We used a carborundum strip of 0.045 mm height, situated at 5 % of chord in each case.

The first phase (T.1/2 D.) was accomplished to separate the phenomena which occur, in natural transition, on the lower surface or on the upper surface of the airfoil : displacement of the transition location, changes of the shock position, modifications around the stagnation point, sudden tripping of the transition produced by the overspeed spike near the leading edge, etc. Some controls were executed in the T.1/2 D. case to verify the transition location on the upper surface which depends on the configuration (Mach number, angle of attack), on the Reynolds number of the test and on the wall temperature. The results are well fitted with those in natural transition (T.N.).

The second phase (T.D.) describes the normal operation of the airfoil. These tests are easier to perform than the previous ones ; problems involved by the surface state disappear.

The test procedure is exactly the same as in the first series ; all details will be found in the previous note /14/. The wind tunnel T2 and its model conditioning, the profile equipment, the test apparatus (probing system, visualizations), the adaptive walls and their use, the run process, the data acquisition and analysis will not be described again.

Here, the configurations tested are the same to be compared in the three cases (T.N.), (T.1/2 D.), (T.D.). The Mach number distributions along the profile and wakes are drawn systematically as function of α, Mo and Rc. Likewise, the aerodynamic coefficients are plotted versus α, Mo or Rc. Comparisons of the various evolutions are made ; we observe in particular the gathering of the curves around 20 millions Reynolds number ; however, the effect of the Reynolds is not the same in natural transition (T.N.) or in tripped transition (T.D.). At lower Reynolds number, the evolutions of the curves are greatly different and the aerodynamic efficiency is not on the same order.

The explanations of the curve evolutions and comparisons with boundary layer computations will be given in a third report /15/.

2 - GENERAL PRESENTATION OF THE TESTS

This series of tests is subdivided in three groups :

- a complement in natural transition (T.N.),
- the transition tripping on the lower surface (T.1/2 D.),
- the transition tripped on each side of the airfoil (T.D.).

In each category, the tests are classified in tables (Fig. 2, 4, 5) where the angle of attack, the Mach number and the Reynolds number are apparent. Furthermore, all the tests are listed in the order of their run number in tables (Fig. 1, 3, 6, 7) which recapitulate the results and the general conditions of the runs. Some of them do not have the C_D or the C_L values as they were judged invalid.

The complement in natural transition precise the location of the transition by a longitudinal exploration of a pitot tube inside the boundary layer (JONES's criterion). This was done at low Reynolds number ($Rc = 4 \times 10^6$) and unique Mach number ($Mo = 0.73$) for angles of attack from - 1° to + 0.25° (Fig. 1).

In "half-tripping transition" (T.1/2 D.), four Mach numbers (0.7, 0.73, 0.765, 0.783) and angles of attack going from - 2° to + 2° were tested at low Reynolds number ($Rc = 4 \times 10^6$) (Table : Fig. 2). The Reynolds effect was experimented in two cases and a wall temperature effect was tested in the same conditions as presented in natural transition /14/.

The tests carried out in tripped transition (T.D.) are presented on tables (Fig. 4 and 5), in the same way. The effect of the Reynolds number has been studied for six configurations and compared with the curves obtained in natural transition. Furthermore, the drag divergence was observed for two Reynolds numbers : 4×10^6 and 25×10^6, at + 0.25° angle of attack.

It can be noticed from the tables that there is considerable cross-checking between the various tests at different Mach numbers, angles of attack, Reynolds numbers. In some cases, the run has been repeated several times to check the repeatability of the tests ; the precision of the results can be seen on the aerodynamic coefficients presented in the lists (Fig. 3, 6, 7).

We give in appendix listings of main tests ; each sheet corresponds to the last iteration of the runs presented. The values of the Mach numbers on the test section walls, on the airfoil, as well as the temperatures of the model can be found there. They are classified in the order of their run number.

3 - COMPLEMENT OF THE PREVIOUS TEST IN NATURAL TRANSITION :

Transition detection by a JONES's criterion

The longitudinal exploration of the boundary layer is performed with the system described on the figure 8. The pitot tube and the pressure transducer are mounted on the sting normally used at T2 /14/ ; the longitudinal moving is controlled by a step-motor. The probe has a backward movement of 66.5 mm ; the displacement is tangential to the upper surface and the setting out abscissa can be chosen.

The first control consists of observing the influence of the probe on the Mach distribution along the profile (Fig. 9). Then, the five configurations tested are presented on figures 10 to 14, where the transition location detected by oil visualization is also indicated.

We can correlate the Mach number evolution recorded at iso-height inside the boundary layer to the "bump" seen on the Mach distribution along the profile /14/ and to the oil visualization. The transition location has been plotted figure 15 ; the JONES criterion indicates the beginning and the end of the transition area, which gives a useful information.

4 - TRANSITION TRIPPED ONLY ON THE LOWER SURFACE (T.1/2 D.)

4.1. Control of the Reynolds number effect and wall temperature effect on the transition location detected on the upper surface

The run 232 corresponds to a thermal effect produced by a cold model exposed to a room temperature flow. We can verify on figure 16 that the transition location on the upper side is situated at the same place as in natural transition /14/ ; of course, this result was expected, but we find again the same lift coefficient, which shows the main contribution of the upper surface in these cases.

We have also controlled the transition location as function of Reynolds number, figure 16 ; here, the results fit well with the natural transition curve.

4.2. Mach number distributions on the airfoil and wakes

The Mach number distributions along the profile and the wakes are drawn, at the smallest Reynolds number ($Rc = 4,10^6$), for various upstream Mach numbers Mo (fig. 17 to 28) ; each illustration corresponds to an angle of attack going from - 2° to + 2°.

Conversely, they are drawn on figures 29 to 36 in relation to the angle of attack for each Mach number tested.

The third series of illustrations shows the influence of Reynolds number in the two configurations experimented here ($Mo = 0.73$, $\alpha = - 0.25°$), ($Mo = 0.76$, $\alpha = + 0.25°$) (figures 37 to 40).

4.3. Aerodynamic coefficients

The lift (C_L), drag (C_D) and pitching moment (C_M) coefficients are pointed in figures 41 to 43 versus Mach number for the lowest Reynolds number.

The values of these coefficients determined from the preceeding curves for 4 Mach numbers (0.7, 0.73, 0.765, 0.785) have been reported in relation to the angle of attack on the figures 44 to 46.

At last, the polar C_L (C_D) was traced for three Mach numbers (fig. 47).

These curves must be compared to those obtained in natural transition /14/ ; they are more regular and the drag coefficient higher for positive angles of attack. Comparisons will be made later for 0.765 Mach number.

5 - TRANSITION TRIPPED ON THE UPPER AND LOWER SURFACE

In the T.D. case, the transition was tripped on both sides of the airfoil with a carborundum strip of 0.045 mm height, situated at x/c = 5 %. The test configurations have been seen previously on tables 4 and 5.

5.1. Mach number distributions on the airfoil and wakes

The curves are presented here in the same way as before ; the first series of illustrations concerns the smallest Reynolds number (Rc = 4 10^6) for various upstream Mach numbers (figures 48 to 63) ; each plate is at a given angle of attack.

The Mach distributions and wakes are drawn too, for a given Mach number (0.7, 0.73 and 0.765), as function of the angle of attack going from - 2° to + 4° (figures 64 to 71).

The third series (figures 72 to 83) shows the influence of Reynolds number in the six configurations tested here ; they are a selection of cases experimented in natural transition /14/. We observe the backward displacement of the shock as the Reynolds increases, just the opposite of what we have observed in the previous series of tests (T.N.) /14/.

5.2. Aerodynamic coefficients

The aerodynamic coefficients (C_L, C_D and C_M) calculated at low Reynolds number (Rc = 4.10^6) are pointed, in figures 87 to 89, in terms of angle of attack. The polar C_L (C_D) has been drawn too (figure 90).

Considerable modifications were produced by the transition tripping /14/. The total drags are higher, the lifts and pitching moments lower ; the curves are much more regular.

The drag divergence was determined for + 0.25° and two Reynolds numbers : Rc = 4 10^6 and 26 10^6 (figures 91 and 92). The curves obtained in T.D. case are completely different from those obtained in T.N. for the same run parameters.

The comparisons and explanations will be given in the third report /15/.

6 - EFFECT OF THE REYNOLDS NUMBER

The curves will be presented here comparatively for the three basis cases : T.N., T.1/2 D. and T.D..

6.1. Mach number distributions on the airfoil and wakes

When the laminar bubble exists on the lower surface in natural transition (Rc < 10 10^6), it does not exist in the two other cases ; but the greatest differences are on the upper surface for the transition tripped on both sides (T.D.) (figures 93 to 98). The shape of the wakes is also affected.

At higher Reynolds numbers (figures 99 to 101), the differences are smaller ; this indicates the forward moving of the natural transition.

6.2. Aerodynamic coefficients

Comparison is made on figures 102 to 104 for the upstream infinite Mach number Mo = 0.765. The lift and drag coefficients are plotted versus angle of attack for the smallest Reynolds number (figures 102, 103), where the differences in natural and tripped transition are obvious. The polar for the 21 10^6 Reynolds number is drawn too (figure 104) ; in this case, we obtain the same curve ; details will be found in the following series of illustrations.

The aerodynamic coefficients (C_D, C_L and C_M) are traced in relation to the Reynolds number for the six configurations tested in tripped transition (T.D.) (figures 105 to 122). The next table recapitulates the configurations experimented :

Mo \ α	- 2°	- 1°	- 0.25°	+ 0.25°	+ 1°	+ 2°
0.7					O ■	
0.73		O	O ▲ ■			
0.76				O ▲ ■	O ■	
0.765	O ■			O		O ■

O T.N. ▲ T.1/2 D. ■ T.D.

At low Reynolds numbers, the total drags in T.D. are higher, the lifts and pitching moments are lower. The values obtained in T.1/2 D. are situated either between the two other groups (T.N. and T.D.) or near the natural transition case. Explanations must be seen on the Mach number distributions along the profile ; it depends on the transition location on the lower surface /15/.

At higher Reynolds numbers (between 10 and 20 millions according to the configuration examined), we observe the gathering of the three curves (T.N., T.1/2 D. and T.D.). This indicates again the forward moving of the natural transition with the increase in Reynolds number ; in addition, the height of the carborundum strip is well adapted to the boundary layer thickness ; it produces no overthickening.

Lastly, the curves corresponding to the tripped transition are smoother.

7 - CONCLUSION

This report describes the tests performed in tripped transition on the CAST 10 airfoil ; it is the continuation of the previous note about the natural transition. Remember that a considerable effort has been made to avoid false tripping ; the transition was natural until at least 8 million Reynolds. Furthermore, a number of cross-checks allowed the estimation of the transition location.

We added a testing aid for the detection of the transition by a JONES criterion which fits well with the other means ; but it gives also useful information about the beginning and the end of the boundary layer transition.

The cross-checking with the previous tests is excellent ; this gives confidence in the comparisons made here. Indisputably, the aerodynamic testing in tripped transition is much easier than for the previous one, although this CAST 10 airfoil is particularly sensitive to the flow parameters around its computation point.

The tests in "half tripped" transition (only on the lower surface) were performed to separate the phenomena which occur on the upper surface from those occurring on the lower surface. Indeed, the curve shapes of the aerodynamic coefficients which seem strange in natural transition are due to transition displacements on both sides of the profile. The Reynolds number effect is not easy to explain because some compensations can occur.

We have observed the gathering of the experimental curves around 20 millions Reynolds number for the three cases T.N., T.1/2 D. and T.D., which indicates the forward movement of the natural transition when the Reynolds number increases. In addition this proves that the height of the carborandum strip is well adapted at the boundary layer thickness ; it produces no overtickening.

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/15/ — Analyse des résultats obtenus dans la soufflerie T2 sur le profil CAST 10. R.T. à paraître

LISTE DES PLANCHES

VARIATION DU MACH M_o à $R_c = 4.\ 10^6$

17 - Distributions de Mach sur le profil
18 - Sondages des sillages
} $\alpha = -\ 2°$

19 - Distributions de Mach sur le profil
20 - Sondages des sillages
} $\alpha = -\ 1°$

21 - Distributions de Mach sur le profil
22 - Sondages des silages
} $\alpha = -\ 0{,}5°$

23 - Distributions de Mach sur le profil
24 - Sondages des sillages
} $\alpha = 0°$

25 - Distributions de Mach sur le profil
26 - Sondages des sillages
} $\alpha = 1°$

27 - Distributions de Mach sur le profil
28 - Sondages des sillages
} $\alpha = +\ 2°$

VARIATION D'INCIDENCE.$R_c = 4.\ 10^6$

29 - Distributions de Mach sur le profil
30 - Sondages des sillages
} $M_o = 0{,}7$

31 - Distributions de Mach sur le profil
32 - Sondages des sillages
} $M_o = 0{,}73$

33 - Distributions de Mach sur le profil
34 - Sondages des sillages
} $M_o = 0{,}766$

35 - Distributions de Mach sur le profil
36 - Sondages des sillages
} $M_o = 0{,}784$

VARIATION DU NOMBRE DE REYNOLDS

37 - Distributions de Mach sur le profil
38 - Sondages des sillages
} $\alpha = -\ 0{,}25°$, $M_o = 0{,}73$

39 - Distributions de Mach sur le profil
40 - Sondages des sillages
} $\alpha = 0{,}25°$, $M = 0{,}76$

COEFFICIENTS AERODYNAMIQUES EN FONCTION DU NOMBRE DE MACH

41 - Coefficient de trainée C_{xs}
42 - Coefficient de portance C_z
43 - Coefficient de moment de tangage C_m
} $R_c = 4.\ 10^6$

COEFFICIENTS AERODYNAMIQUES EN FONCTION DE L'INCIDENCE

44 - Coefficient de trainée C_{xs}
45 - Coefficient de portance C_z
46 - Coefficient de moment de tangage C_m
47 - Polaire C_z (C_x)
} $R_c = 4.\ 10^6$

ESSAIS EN TRANSITION DECLENCHEE T.D. - Extrados - Intrados

VARIATION DU MACH M_o à $R_c = 4.\ 10^6$

48 - Distributions de Mach sur le profil
49 - Sondages des sillages
} $\alpha = -2°$

50 - Distributions de Mach sur le profil
51 - Sondages des sillages
} $\alpha = -1°$

52 - Distributions de Mach sur le profil
53 - Sondages des sillages
} $\alpha = 0°$

54 - Distributions de Mach sur le profil
55 - Sondages des sillages
} $\alpha = 0{,}25°$

56 - Distributions de Mach sur le profil
57 - Sondages des sillages
} $\alpha = 1°$

58 - Distributions de Mach sur le profil 59 - Sondages des sillages	$\alpha = 2°$
60 - Distributions de Mach sur le profil 61 - Sondages des sillages	$\alpha = 3°$
62 - Distributions de Mach sur le profil 63 - Sondages des sillages	$\alpha = 4°$

VARIATION D'INCIDENCE $R_c = 4.\ 10^6$

64 - Distributions de Mach sur le profil 65 - Sondages des sillages 66 - Sondages des sillages (suite)	$M_\infty = 0,7$
67 - Distributions de Mach sur le profil 68 - Sondages des sillages 69 - Sondages des sillages (suite)	$M_\infty = 0,73$
70 - Distributions de Mach sur le profil 71 - Sondages des sillages	$M_\infty = 0,765$

VARIATION DU NOMBRE DE REYNOLDS

72 - Distributions de Mach sur le profil 73 - Sondages des sillages	$\alpha = 1°$ $M_\infty = 0,7$
74 - Distributions de Mach sur le profil 75 - Sondages des sillages	$\alpha = - 0,25°$ $M_\infty = 0,73$
76 - Distributions de Mach sur le profil 77 - Sondages des sillages	$\alpha = 0,25°$ $M_\infty = 0,76$
78 - Distributions de Mach sur le profil 79 - Sondages des sillages	$\alpha = 1°$ $M_\infty = 0,76$
80 - Distributions de Mach sur le profil 81 - Sondages des sillages	$\alpha = - 2°$ $M_\infty = 0,765$

82 - Distributions de Mach sur le profil
83 - Sondages des sillages
} $\alpha = 2°$, $M_o = 0,765$

COEFFICIENTS AERODYNAMIQUES EN FONCTION DU NOMBRE DE MACH

84 - Coefficient de trainée C_{xs}
85 - Coefficient de portance C_z
86 - Coefficient de moment de tangage C_m
} $R_c = 4. 10^6$

COEFFICIENTS AERODYNAMIQUES EN FONCTION DE L'INCIDENCE

87 - Coefficient de trainée C_{xs}
88 - Coefficient de portance C_z
89 - Coefficient de moment de tangage C_m
90 - Polaire C_z (C_x)
} $R_c = 4. 10^6$

COEFFICIENTS AERODYNAMIQUES POUR $\alpha = + 0,25$ ET DEUX NOMBRES DE REYNOLDS

91 - Coefficient de trainée C_{xs}

92 - Coefficient de portance C_z

EFFET DU NOMBRE DE REYNOLDS COMPARATIVEMENT T.N. - T. 1/2 D. - T.D.

COMPARAISON T.N., T. 1/2 D., T.D. SUR LE PROFIL ET DANS LE SILLAGE A MEME REYNOLS

93 - Distributions de Mach sur le profil
94 - Sondages des sillages
} $M_o = 0,73$, $\alpha = 0,23$, $R_c = 4. 10^6$

95 - Distributions de Mach sur le profil
96 - Sondages des sillages
} $M_o = 0,76$, $\alpha = 0,25$, $R_c = 4. 10^6$

97 - Distributions de Mach sur le profil
98 - Sondages des sillages
} $M_o = 0,76$, $\alpha = 0,25$, $R_c = 7,8. 10^6$

99 - Distributions de Mach sur le profil	$M_o = 0,76$, $\alpha = 0,25°$
100 - Sondages des sillages	$R_c = 13.\ 10^6$
101 - Distributions de Mach sur le profil	$M_o = 0,765$, $\alpha = 0,25°$
	$R_c = 25.\ 10^6$

COMPARAISON T.N., T. 1/2 D., T.D. SUR LES COEFFICIENTS AERODYNAMIQUES

102 - Coefficient de trainée C_{xs} ($R_c = 4.\ 10^6$)

103 - Coefficient de portance C_z ($R_c = 4.\ 10^6$)

104 - Polaire C_z (C_{xs}) ($R_c = 4.\ 10^6$ et $21.\ 10^6$)

EVOLUTION DES COEFFICIENTS AERODYNAMIQUES EN FONCTION DU REYNOLDS

105 - Coefficient de trainée C_{xs}	$M_o = 0,73$
106 - Coefficient de portance C_z	$\alpha = 1°$
107 - Coefficient de moment de tangage C_m	
108 - Coefficient de trainée C_{xs}	$M_o = 0,73$
109 - Coefficient de portance C_z	$\alpha = 0,25$
110 - Coefficient de moment de tangage C_m	
111 - Coefficient de trainée C_{xs}	$M_o = 0,76$
112 - Coefficient de portance C_z	$\alpha = 0,25°$
113 - Coefficient de moment de tangage C_m	
114 - Coefficient de trainée C_{xs}	$M_o = 0,76$
115 - Coefficient de portance C_z	$\alpha = 1°$
116 - Coefficient de moment de tangage C_m	
117 - Coefficient de trainée C_{xs}	$M_o = 0,765$
118 - Coefficient de portance C_z	$\alpha = \sim 2°$
119 - Coefficient de moment de tangage C_m	
120 - Coefficient de trainée C_{xs}	$M_o = 0,765$
121 - Coefficient de portance C_z	$\alpha = + 2°$
122 - Coefficient de moment de tangage C_m	

TABLEAUX DES ESSAIS

PLANCHES 1 à 7

PL. 1

Complément **T.N.**

ESSAI	ALPH	M0	PT (b)	TT °K	RE e+06	NB	CXP	CXS	CZ	CM
AD402	-.25	.7318	1.652	295.	3.9	4	.0043		.391	-.075
AD403	-.25	.7308	1.646	294.	3.9	3	.0055		.385	-.076
AD404	-.25	.7303	1.648	297.	3.8	2	.0051		.392	-.077
AD405	0.00	.7305	1.646	297.	3.8	3	.0049		.407	-.070
AD406	.25	.7300	1.645	297.	3.8	3	.0057		.426	-.066
AD407	.25	.7305	1.643	294.	3.9	3	.0057		.421	-.066
AD408	-1.00	.7324	1.644	296.	3.8	3	.0041		.329	-.084
AD409	-.50	.7334	1.646	294.	3.9	4	.0039		.386	-.083

Déplacement longitudinal d'un pitot

Critère de Jones

TABLEAU DES ESSAIS COMPLEMENTAIRES EN TRANISTION NATURELLE

T. 1/2 D.

PL. 2

$R_c = 4.10^6$ $P_i = 1,7$ bar $T_i = 296$ K

α	Mach 0,7	0,73	0,76	0,765	0,783
+ 2°	216	217			
+ 1°	213	214		215 245	
+0,25°			236 243	235	
0°	206	204		205	224
-0,25°		226 233			
-0,5°	210	211			225
- 1°	207 222	221	208	209	223
- 2°	218	219		220	

Effet Reynolds

Conditions d' Essai R_c	P_i	T_i	Mach = 0,73 α = -0,25°	Mach = 0,76 α = +0,25°
4.10^6	1,69	293	226 233	235 236 243
$5,9.10^6$	2,5	296	227	
$6,8.10^6$	2,9	297	228	239 240 241 242
$7,7.10^6$	3,3	297	229	238
$8,9.10^6$	2,9	240	230	
$13,8.10^6$	1,64	119	231 234	244

Effet T_p/T_f

$R_c = 4.10^6$
$M_o = 0,73$
$\alpha = -0,25°$

Essai 232

TABLEAU DES ESSAIS T. 1/2 D.

T. 1/2 D.

PL. 3

ORIGINAL PAGE IS OF POOR QUALITY

	ESSAI	ALPH	M0	PT (b)	TT DK	RE e+06	NB	CXP	CXS	CZ	CM
$R_C = 4.10^6$	AD204	0.00	.7294	1.673	294.	3.9	4	.0049	.0084	.418	-.08
	AD205	0.00	.7637	1.727	294.	4.2	4	.0063	.0067	.552	-.096
	AD206	0.00	.6984	1.629	293.	3.7	4	.0043	.0081	.401	-.067
	AD207	-1.00	.7016	1.632	294.	3.7	4	.0029	.0070	.334	-.084
	AD208	-1.00	.7554	1.721	296.	4.1	5	.0044	.0065	.384	-.097
	AD209	-1.00	.7667	1.730	296.	4.1	4	.0057	.0069	.388	-.101
	AD210	-.50	.7011	1.635	296.	3.7	5	.0034	.0077	.355	-.072
	AD211	-.50	.7291	1.674	296.	3.9	4	.0040	.0076	.396	-.081
	AD213	1.00	.6832	1.622	293.	3.7	5	.0054	.0088	.511	-.059
	AD214	1.00	.7345	1.680	295.	4.0	4	.0078	.0093	.608	-.070
	AD215	1.00	.7647	1.730	295.	4.1	4	.0154	.0169	.689	-.099
	AD216	2.00	.6996	1.594	294.	3.6	5	.0101	.0112	.692	-.057
	AD217	2.00	.7324	1.679	296.	3.9	4	.0166	.0165	.798	-.079
	AD218	-2.00	.7010	1.640	295.	3.7	5	.0029	.0063	.197	-.086
	AD219	-2.00	.7321	1.682	296.	3.9	4	.0034	.0063	.212	-.093
	AD220	-2.00	.7667	1.735	297.	4.1	4	.0047	.0073	.228	-.101
	AD221	-1.00	.7320	1.678	293.	4.0	5	.0042	.0067	.361	-.091
	AD222	-1.00	.6991	1.637	294.	3.8	4	.0030	.0072	.332	-.084
	AD223	-1.00	.7821	1.748	295.	4.3	4	.0084	.0095	.389	-.106
	AD224	0.00	.7823	1.749	295.	4.2	4	.0128	.0125	.546	-.107
	AD225	-.50	.7857	1.752	296.	4.3	6	.0104	.0103	.468	-.106
Variation R_C M_∞=0,73 α=-0,25	AD226	-.25	.7314	1.676	293.	4.0	5	.0043	.0080	.400	-.073
	AD227	-.25	.7346	2.509	296.	5.9	4	.0038	.0081	.394	-.071
	AD228	-.25	.7299	2.900	297.	6.7	4	.0035	.0079	.390	-.071
	AD229	-.25	.7299	3.301	297.	7.6	4	.0035	.0079	.388	-.071
	AD230	-.25	.7299	2.903	240.	8.9	4	.0037	.0082	.374	-.069
	AD231	-.25	.7257	1.637	119.	13.5	4	.0049		.367	-.068
	AD233	-.25	.7280	1.688	293.	4.0	4	.0044	.0078	.387	-.070
	AD234	-.25	.7309	1.627	119.	13.5	4	.0047	.0084	.371	-.069
Variation R_C M_∞=0,76 α=+0,25°	AD235	.25	.7634	1.723	293.	4.2	4	.0085	.0078	.591	-.097
	AD236	.25	.7607	1.718	292.	4.2	4	.0076	.0071	.578	-.092
	AD238	.25	.7600	3.292	296.	7.8	4	.0057	.0075	.539	-.081
	AD239	.25	.7598	2.899	296.	6.9	4	.0060	.0079	.571	-.088
	AD240	.25	.7627	2.902	297.	6.9	4	.0061	.0083	.593	-.093
	AD241	.25	.7655	2.900	295.	7.0	4	.0078	.0081	.623	-.103
	AD242	.25	.7598	2.895	296.	6.9	4	.0064	.0070	.599	-.094
	AD243	.25	.7620	1.698	296.	4.1	4	.0079	.0081	.613	-.100
	AD244	.25	.7622	1.639	119.	14.0	4	.0073	.0094	.496	-.075
	AD245	1.00	.7648	1.698	294.	4.1	4	.0166	.0172	.697	-.102

Essai avec déséquilibre thermique $T_p/T_f \approx 0,87$

ESSAI	ALPH	M0	PT (b)	TT DK	RE e+06	NB	CXP	CXS	CZ	CM
AD232	-.25	.7233	1.668	292.	3.9	4	.0039	.0073	.455	-.082

TABLEAU DES ESSAIS OBTENUS EN T. 1/2 D.

T. D.

PL. 4

$R_c = 4.10^6$ $P_i = 1{,}7$ bar $T_i = 296$ K

α	Mach 0,7	0,73	0,76	0,765	>0,77
+ 4°	266	267			
+ 3°	262	263	265	264	
+ 2°	257	258	261	259 260 319	
+ 1°	248 302	247	303	246	
+ 0,25°	326 328	325 331	291 293 297 321 334		322 323 324
0°	249	250	251		
- 0,25°		271 274 277 278 281 283 287 290 300			
- 1°	268	269		270	
- 2°	255 256	254	252 253	312	

Divergence de Trainée $\alpha = +0{,}25°$

R_c \ M_o	0,69... 0,71	0,71... 0,73	0,73... 0,75	0,75... 0,77	0,77... 0,79
4.10^6	328	326 331	325 334	291 293 297 321	322 323 324
25.10^6		336	330	296 332	333 335

TABLEAU DES ESSAIS EN T.D. : $R_c = 4 \times 10^6$

T.D.

PL. 5

Effet Reynolds

Conditions d'Essai R_c	P_i	T_i	M_o=0,765 α =− 2°	M_o=0,73 α =−0,25°	M_o=0,76 α =+0,25°	M_o=0,7 α =+1°	M_o=0,76 α =+1°	M_o=0,765 α =+2°
4.10^6	1,65	295	312	271 274 277 278 281 283 287 290 300	291 293 297 321	248 302	303	259 260 319
$5,9.10^6$	2,5	296		272 280	327	307	306	316
$6,7.10^6$	2,9	296	313	284	292	304	305	
$7,7.10^6$	3,3	296		273	294			
$10,1.10^6$	3,3	240		279				318
$11,5.10^6$	2	155	314		298	308	309	317
$13,3.10^6$	1,6	119		275 276 282	295			
$14,1.10^6$	2,5	155		285				
$17,2.10^6$	2,9	155			299			
$20,7.10^6$	2,5	119	315	288 289 301		310	311	320
25.10^6	2,9	119			296			
$27,1.10^6$	3,3	119		286				

TABLEAU DES ESSAIS EN T.D. : VARIATION DU NOMBRE DE REYNOLDS

T.D.

	ESSAI	ALPH	M0	PT (b)	TT °K	RC e+06	NB	CXP	CXS	CZ	CM
$R_C = 4.10^6$	AD246	1.00	.7646	1.690	292.	4.1	4	.0131	.0158	.542	-.063
	AD247	1.00	.7320	1.677	293.	4.0	4	.0088	.0114	.505	-.059
	AD248	1.00	.6988	1.599	291.	3.7	4	.0069	.0105	.481	-.059
	AD249	0.00	.6997	1.597	292.	3.7	4	.0048	.0100	.348	-.056
	AD250	0.00	.7300	1.644	293.	3.9	4	.0053	.0104	.349	-.056
	AD251	0.00	.7615	1.680	294.	4.0	4	.0068	.0109	.359	-.056
	AD252	-2.00	.7613	1.680	294.	4.0	4	.0056	.0107	.063	-.062
	AD253	-2.00	.7608	1.685	296.	4.0	4	.0057	.0109	.058	-.061
	AD254	-2.00	.7318	1.647	296.	3.8	4	.0050	.0103	.072	-.061
	AD255	-2.00	.6995	1.562	296.	3.5	4	.0043	.0101	.080	-.061
	AD256	-2.00	.6928	1.592	290.	3.7	4	.0041	.0100	.080	-.060
	AD257	2.00	.7017	1.602	291.	3.7	4	.0100	.0126	.644	-.050
	AD258	2.00	.7306	1.644	293.	3.9	4	.0143	.0169	.692	-.057
	AD259	2.00	.7658	1.691	294.	4.1	4	.0260		.629	-.062
	AD260	2.00	.7656	1.685	294.	4.1	4	.0255	.0342	.636	-.063
	AD261	2.00	.7522	1.667	295.	4.0	4	.0199	.0232	.695	-.065
	AD262	3.00	.7009	1.656	292.	3.8	5	.0196	.0204	.829	-.053
	AD263	3.00	.7296	1.699	293.	4.0	4	.0276	.0300	.840	-.064
	AD264	3.00	.7665	1.741	294.	4.2	4	.0406	.0617	.631	-.051
	AD265	3.00	.7517	1.726	295.	4.1	4	.0363	.0513	.716	-.058
	AD266	4.00	.7021	1.655	296.	3.8	5	.0343	.0339	.948	-.055
	AD267	4.00	.7316	1.697	294.	4.0	4	.0456	.0593	.813	-.054
	AD268	-1.00	.6994	1.588	295.	3.6	4	.0040	.0100	.213	-.059
	AD269	-1.00	.7312	1.630	296.	3.8	4	.0045	.0103	.208	-.059
	AD270	-1.00	.7652	1.683	297.	4.0	4	.0054	.0108	.199	-.058
Variation du Reynolds $M_\infty = 0.73$ $\alpha = -0.25°$	AD271	-.25	.7299	1.634	296.	3.8	5	.0051	.0104	.309	-.056
	AD272	-.25	.7324	2.506	298.	5.8	5	.0045	.0094	.336	-.061
	AD273	-.25	.7271	3.294	298.	7.6	4	.0040	.0089	.350	-.064
	AD274	-.25	.7296	1.643	292.	3.9	4	.0049	.0101	.312	-.057
	AD275	-.25	.7338	1.594	118.	13.4	4	.0051	.0100	.362	-.067
	AD276	-.25	.7293	1.611	120.	13.2	4	.0045	.0097	.363	-.067
	AD277	-.25	.7358	1.638	292.	3.9	4	.0051	.0105	.309	-.056
	AD278	-.25	.7307	1.630	295.	3.8	4	.0051	.0102	.309	-.056
	AD279	-.25	.7273	3.292	240.	10.1	4	.0038	.0085	.361	-.067
	AD280	-.25	.7297	2.497	293.	5.9	4	.0041	.0094	.340	-.061
	AD281	-.25	.7289	1.621	293.	3.8	4	.0049	.0102	.314	-.057
	AD282	-.25	.7302	1.595	119.	13.2	4	.0043	.0094	.360	-.066
	AD283	-.25	.7265	1.621	292.	3.8	4	.0051	.0098	.315	-.057
	AD284	-.25	.7283	2.887	296.	6.7	4	.0042	.0088	.347	-.063
	AD285	-.25	.7379	2.484	155.	14.1	4	.0042	.0079	.381	-.071
	AD286	-.25	.7279	3.272	119.	27.1	4	.0048		.359	-.068
	AD287	-.25	.7271	1.635	292.	3.9	4	.0049	.0099	.310	-.056
	AD288	-.25	.7343	2.491	120.	20.6	4	.0039		.369	-.069
	AD289	-.25	.7313	2.484	120.	20.5	4	.0044		.368	-.068
	AD290	-.25	.7290	1.636	294.	3.8	4	.0052	.0094	.310	-.057

TABLEAU DES RESULTATS OBTENUS EN T.D.

T.D. (suite) PL. 7

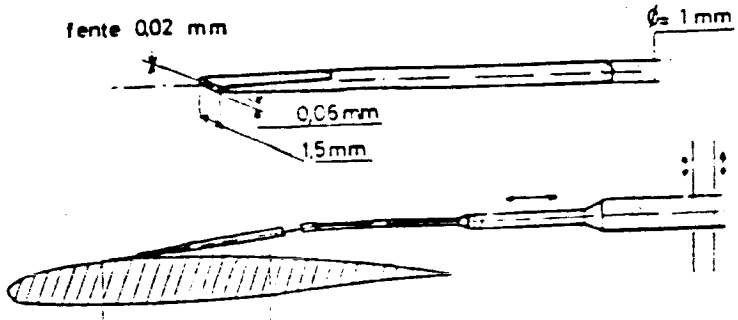
	ESSAI	ALFA	MO	PT (b)	TT °K	RE e+06	NB	CXF	CXS	CZ	CM
Variation de Rc M_∞=0,76 α=0,25°	AD291	.25	.7610	1.678	295.	4.0	5	.0067	.0105	.399	-.059
	AD292	.25	.7594	2.896	297.	6.9	4	.0063	.0095	.444	-.062
	AD293	.25	.7598	1.669	292.	4.0	4	.0071	.0105	.399	-.059
	AD294	.25	.7598	3.290	296.	7.8	4	.0060	.0093	.466	-.066
	AD295	.25	.7594	1.645	120.	13.9	4	.0063	.0096	.466	-.068
	AD296	.25	.7603	2.982	120.	25.2	4	.0061	.0094	.478	-.070
	AD297	.25	.7567	1.674	292.	4.0	4	.0065	.0105	.397	-.059
	AD298	.25	.7595	1.991	154.	11.5	4	.0061	.0092	.473	-.070
	AD299	.25	.7589	2.983	155.	17.2	4	.0053	.0082	.491	-.074
-0,25° 0,73	AD300	-.25	.7264	1.641	291.	3.9	4	.0052	.0096	.314	-.056
	AD301	-.25	.7332	2.493	119.	20.7	4	.0040	.0081	.374	-.069
Variation de Rc M_∞=0,7-0,76 α=1°	AD302	1.00	.6980	1.616	294.	3.7	5	.0067	.0100	.479	-.053
	AD303	1.00	.7608	1.689	295.	4.1	4	.0119	.0143	.546	-.062
	AD304	1.00	.6987	2.888	297.	6.5	4	.0062	.0092	.513	-.059
	AD305	1.00	.7587	2.883	297.	6.8	4	.0114	.0134	.588	-.070
	AD306	1.00	.7645	2.402	295.	5.8	4	.0128	.0152	.574	-.070
	AD307	1.00	.7020	2.398	296.	5.5	4	.0064	.0096	.507	-.056
	AD308	1.00	.7012	1.995	154.	11.0	4	.0064	.0085	.534	-.064
	AD309	1.00	.7603	2.002	155.	11.6	4	.0122	.0131	.599	-.078
	AD310	1.00	.7033	2.496	120.	20.1	4	.0069	.0090	.524	-.062
	AD311	1.00	.7638	2.496	119.	21.2	4	.0129	.0136	.597	-.078
α=-2° M_∞=0,765	AD312	-2.00	.7625	1.689	295.	4.1	5	.0056	.0104	.055	-.062
	AD313	-2.00	.7645	2.878	298.	6.8	4	.0049	.0095	.081	-.068
	AD314	-2.00	.7715	1.966	156.	11.3	4	.0039	.0087	.105	-.075
	AD315	-2.00	.7646	2.473	120.	20.9	4	.0046	.0091	.108	-.075
α=+2° M_∞=0,765	AD316	2.00	.7696	2.490	295.	6.0	4	.0272	.0365	.640	-.065
	AD317	2.00	.7647	1.986	155.	11.5	4	.0265		.705	-.079
	AD318	2.00	.7630	1.673	155.	9.7	4	.0257	.0317	.703	-.077
	AD319	2.00	.7638	1.692	294.	4.1	4	.0245	.0308	.651	-.065
	AD320	2.00	.7669	2.487	120.	21.0	4	.0268	.0350	.692	-.076
Divergence de Traînée: +0,25° R_c=4.10^6 et R_c=25.10^6	AD321	.25	.7619	1.779	293.	4.3	4	.0070	.0106	.404	-.056
	AD322	.25	.7729	1.716	295.	4.2	4	.0079	.0112	.410	-.057
	AD323	.25	.7843	1.731	296.	4.2	4	.0101	.0134	.406	-.061
	AD324	.25	.7904	1.741	296.	4.2	4	.0121	.0155	.392	-.062
	AD325	.25	.7416	1.662	297.	3.9	4	.0063	.0102	.388	-.054
	AD326	.25	.7183	1.629	297.	3.7	4	.0057	.0100	.381	-.055
	AD327	.25	.7625	2.495	298.	5.9	4	.0071	.0102	.440	-.062
	AD328	.25	.7003	1.596	294.	3.7	4	.0052	.0098	.378	-.059
	AD330	.25	.7495	2.991	120.	24.9	4	.0295	.0091		
	AD331	.25	.7288	1.614	293.	3.8	4	.0060	.0101	.382	-.054
	AD332	.25	.7661	2.984	121.	25.0	4	.0070	.0097	.485	-.072
	AD333	.25	.7724	2.987	120.	25.3	4	.0086	.0113	.508	-.081
	AD334	.25	.7496	1.647	294.	3.9	4	.0068	.0104	.340	-.054
	AD335	.25	.7396	2.989	120.	25.7	4	.0140	.0166	.478	-.[illegible]
	AD336	.25	.7291	2.982	120.	24.5	4	.0060	.0087	.480	-.067

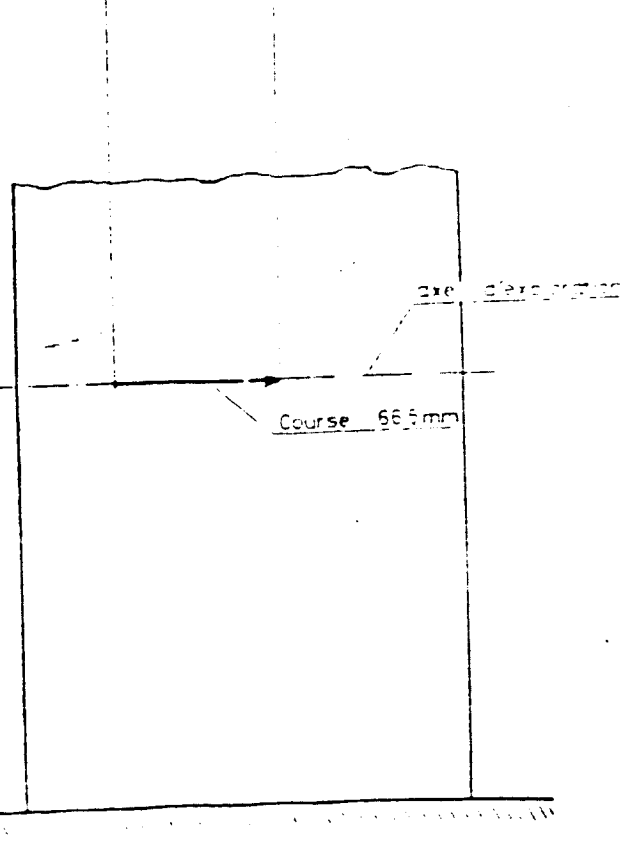
TABLEAU DES RESULTATS OBTENUS EN T.D. (suite)

COMPLEMENT EN TRANSITION NATURELLE

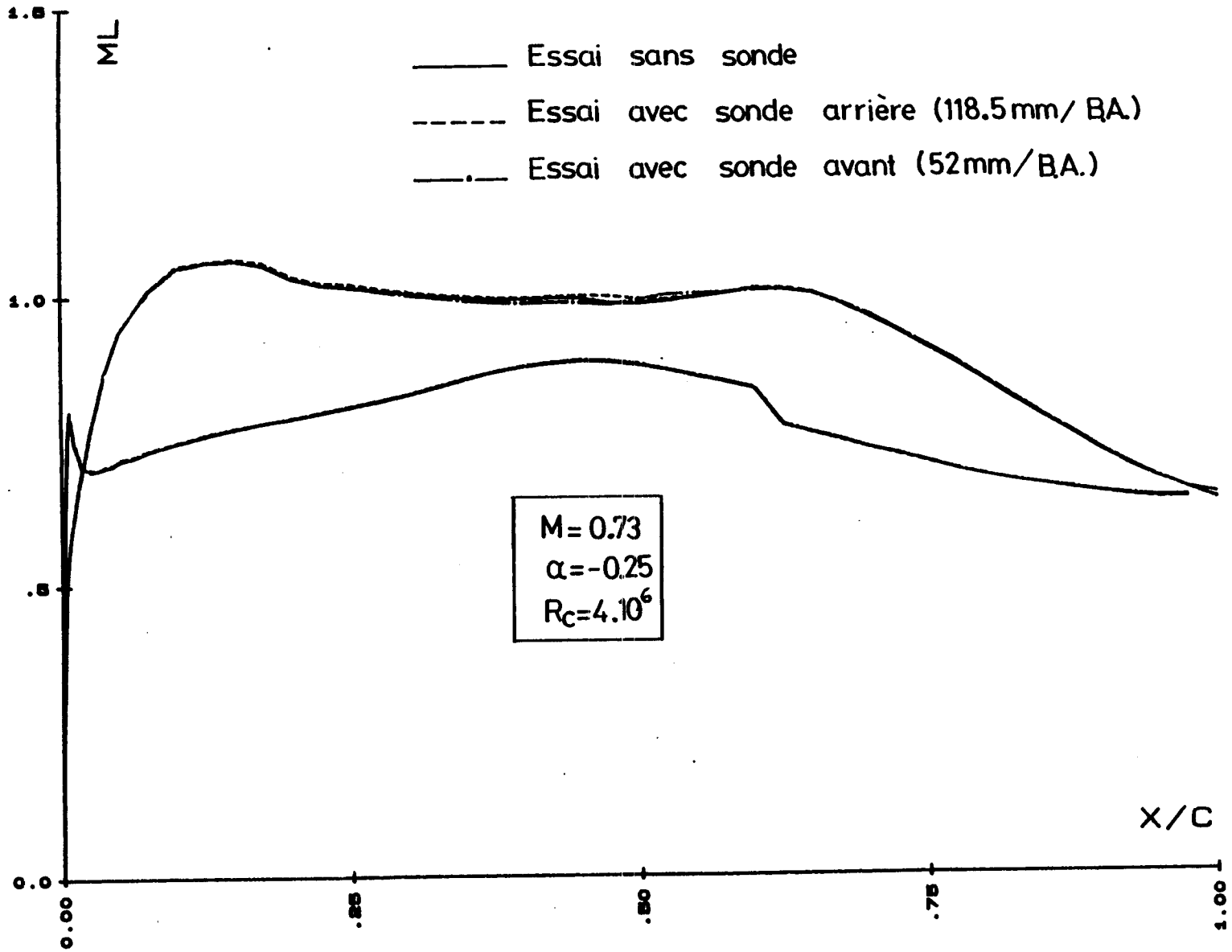
T.N.

PLANCHES 8 à 15



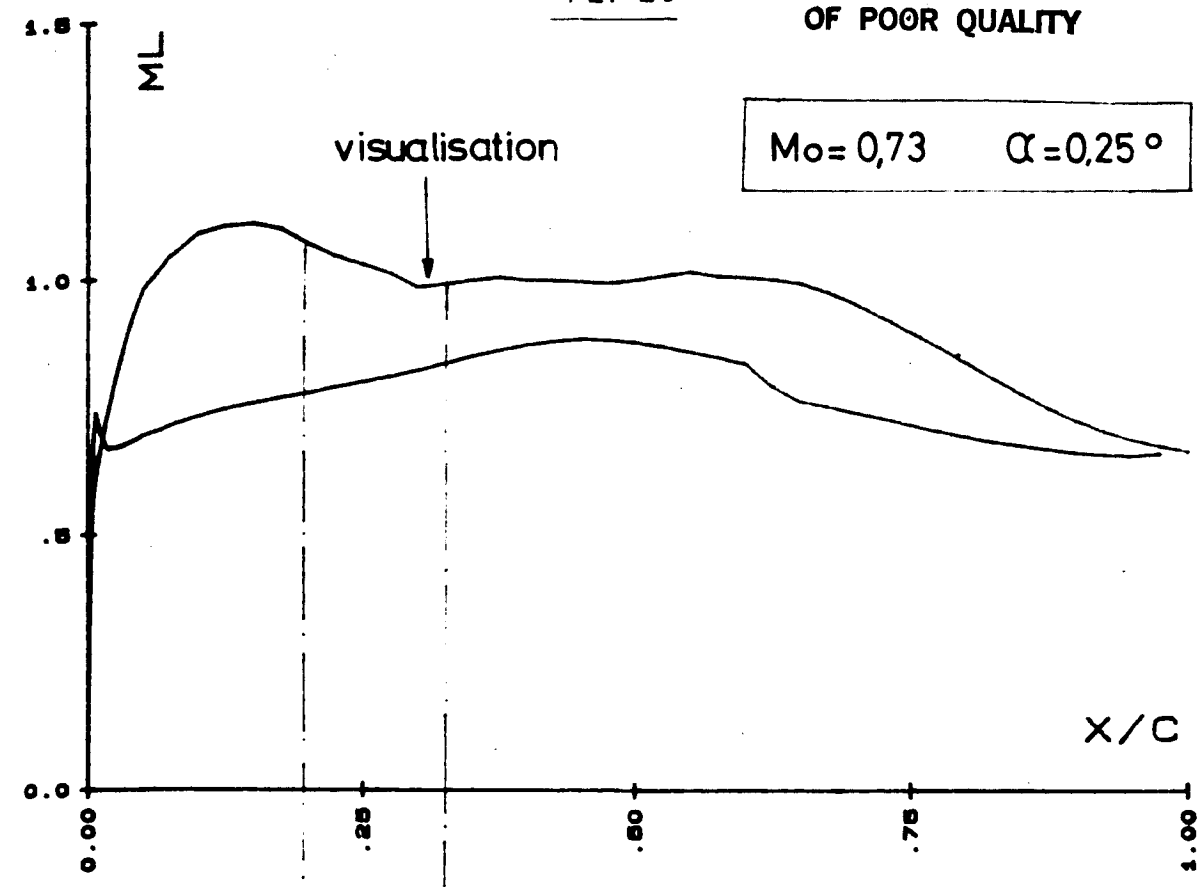


SYSTEME DE REPERAGE DE POSITION DE TRANSITION

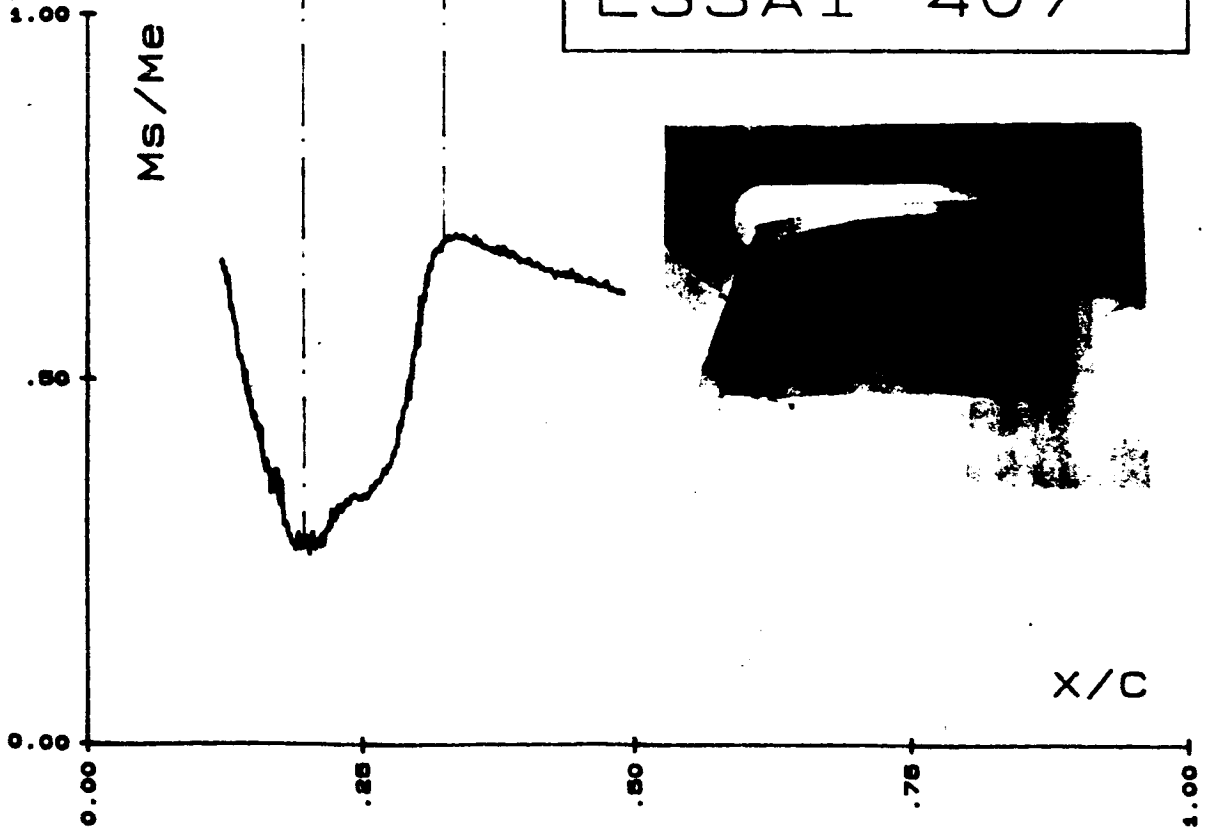


INFLUENCE DE LA PRESENCE DE LA SONDE

PL. 9



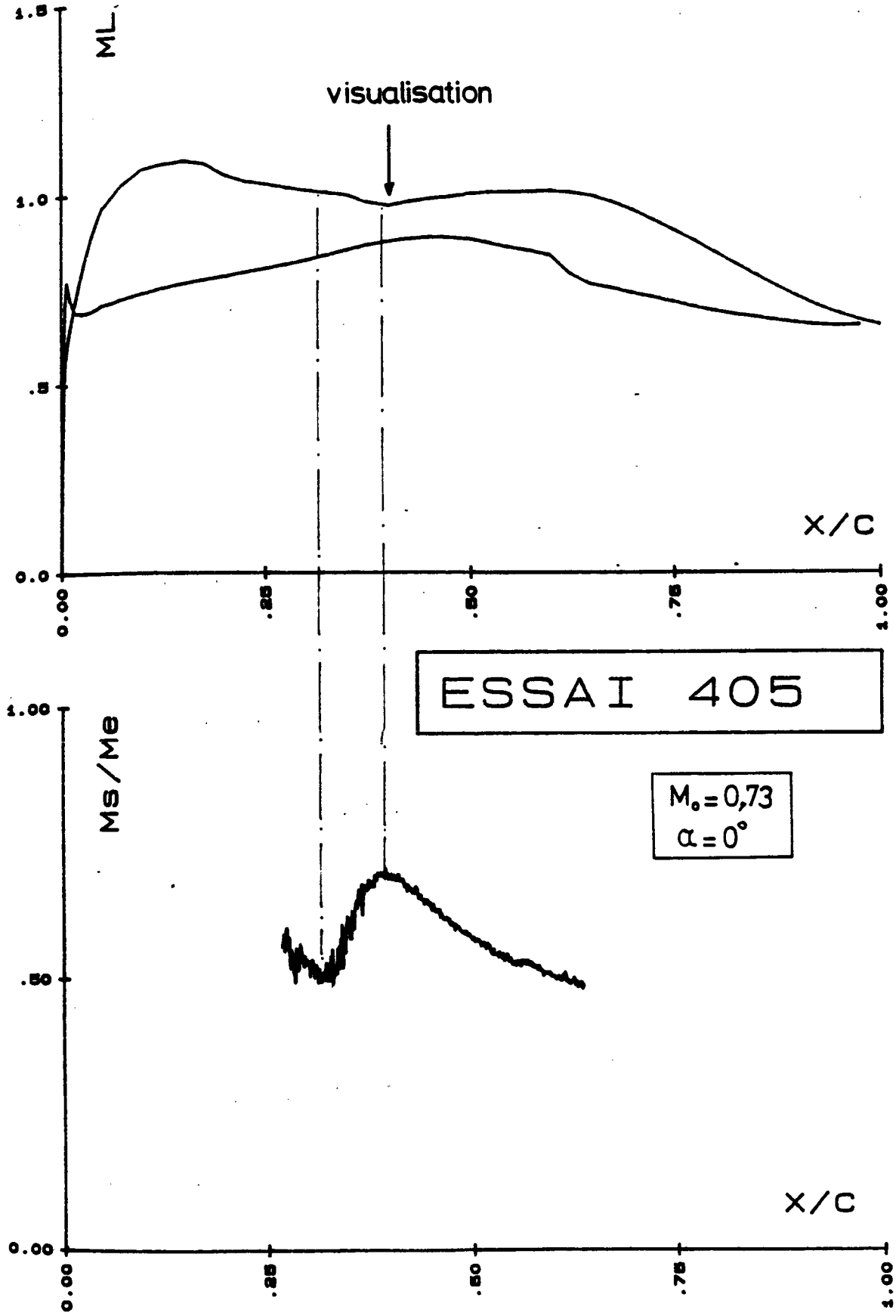
ESSAI 407



REPERAGE DE LA POSITION DE TRANSITION PAR SONDE D'ARRET

M_o = 0,73, α =-0,25°

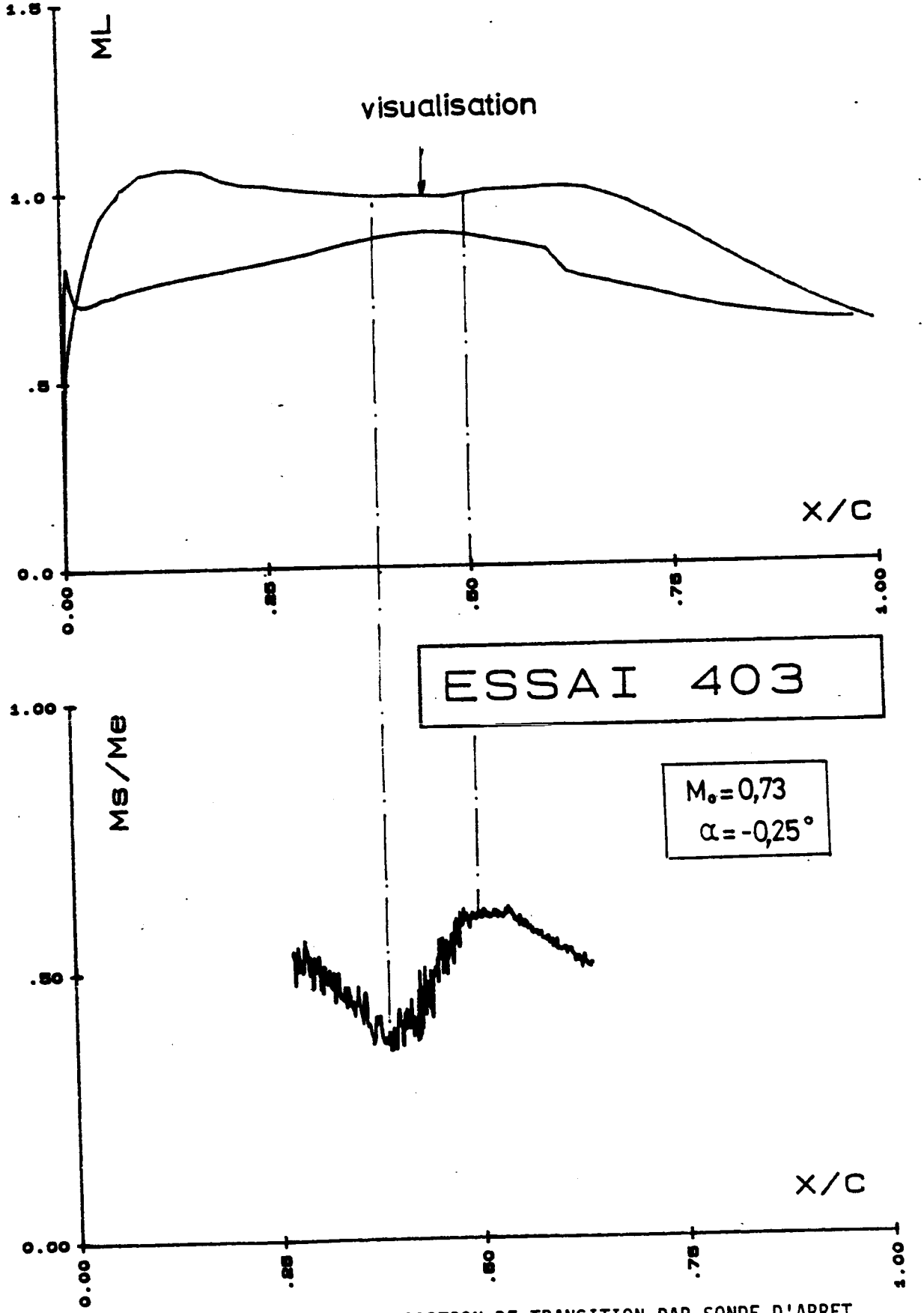
PL. 11



REPERAGE DE LA POSITION DE TRANSITION PAR SONDE D'ARRET

$M_o = 0,73 \quad \alpha = 0°$

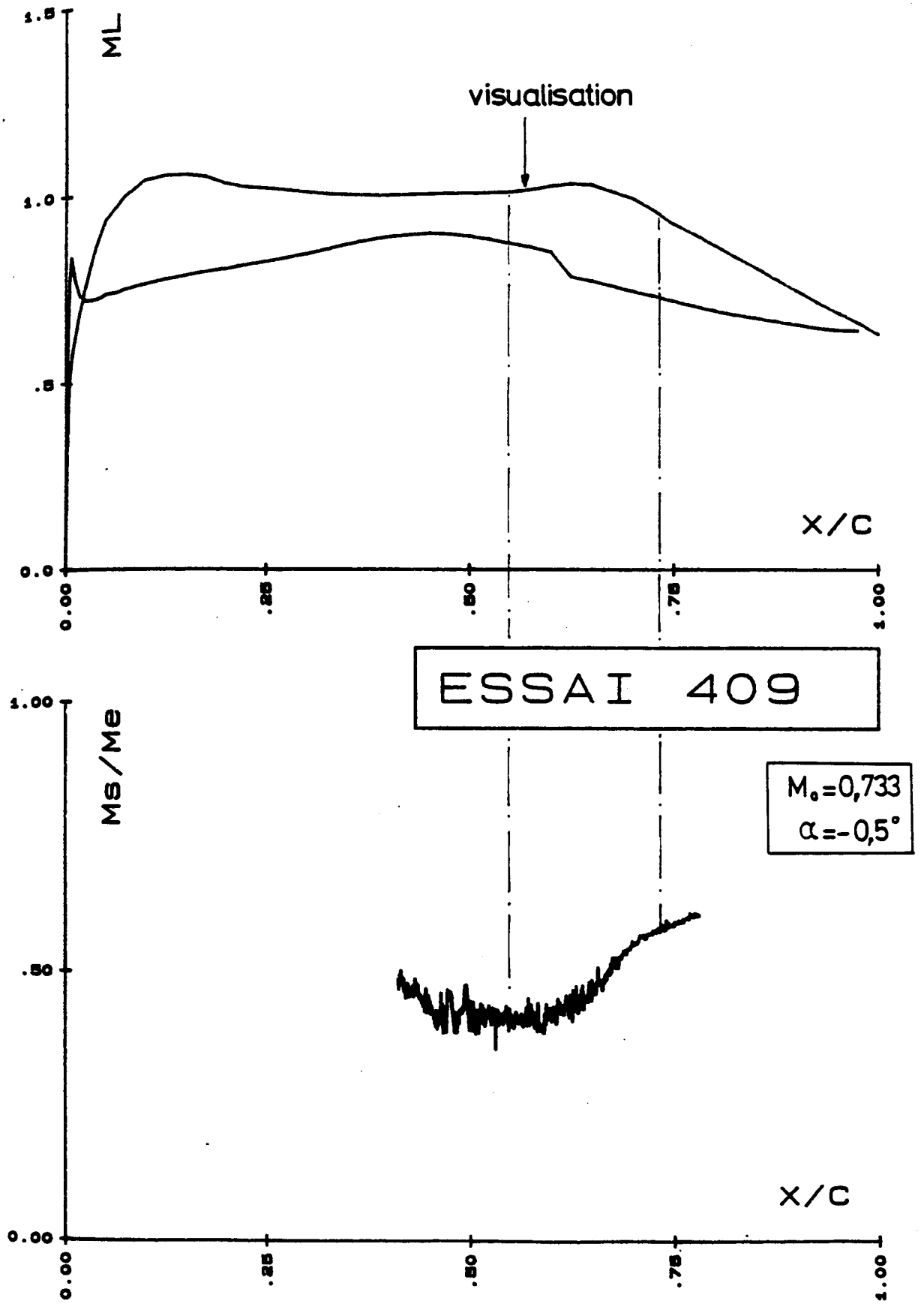
PL. 12



REPERAGE DE LA POSITION DE TRANSITION PAR SONDE D'ARRET

M_o = 0,73 α =-0,25°

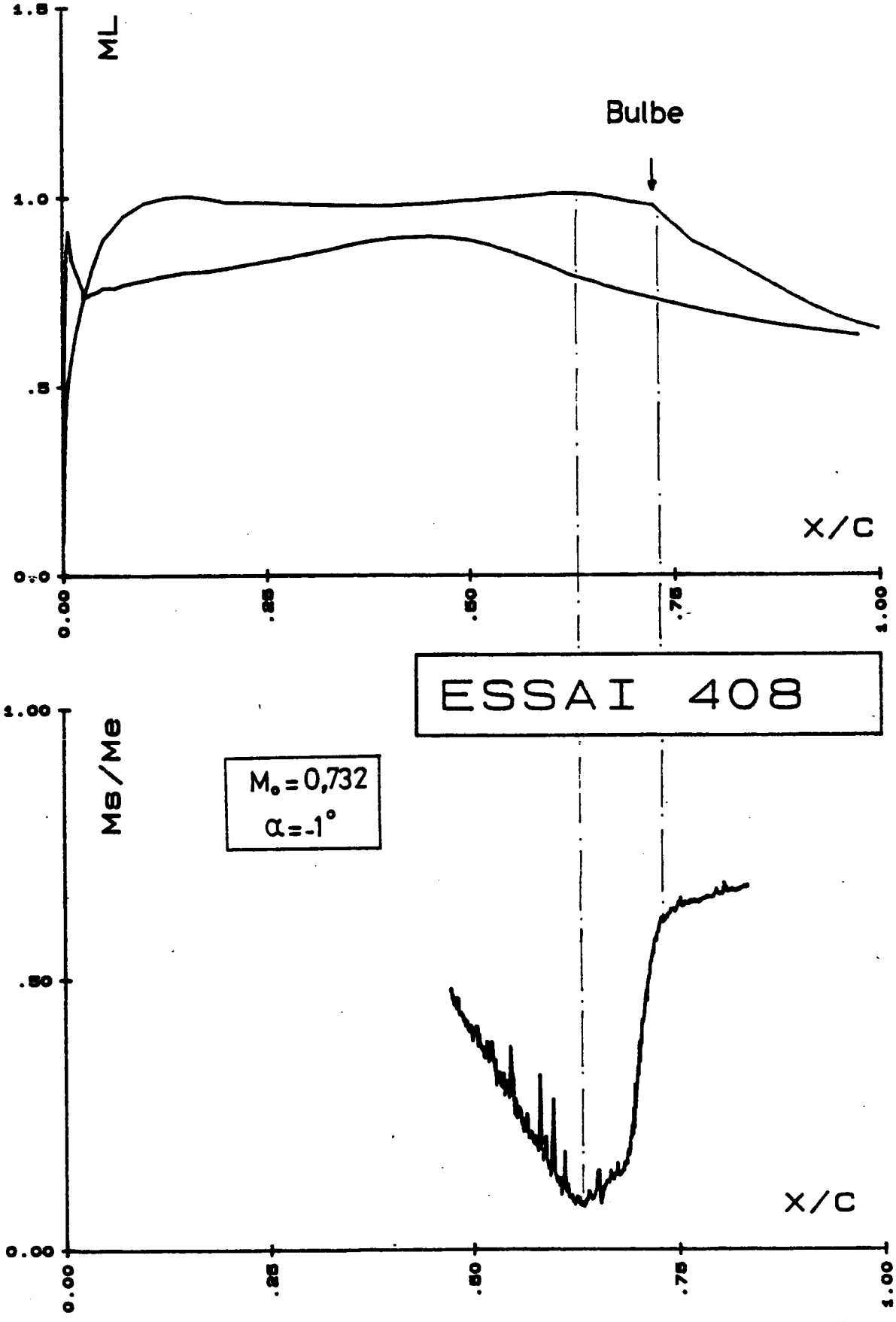
PL. 13



REPERAGE DE LA POSITION DE TRANSITION PAR SONDE D'ARRET

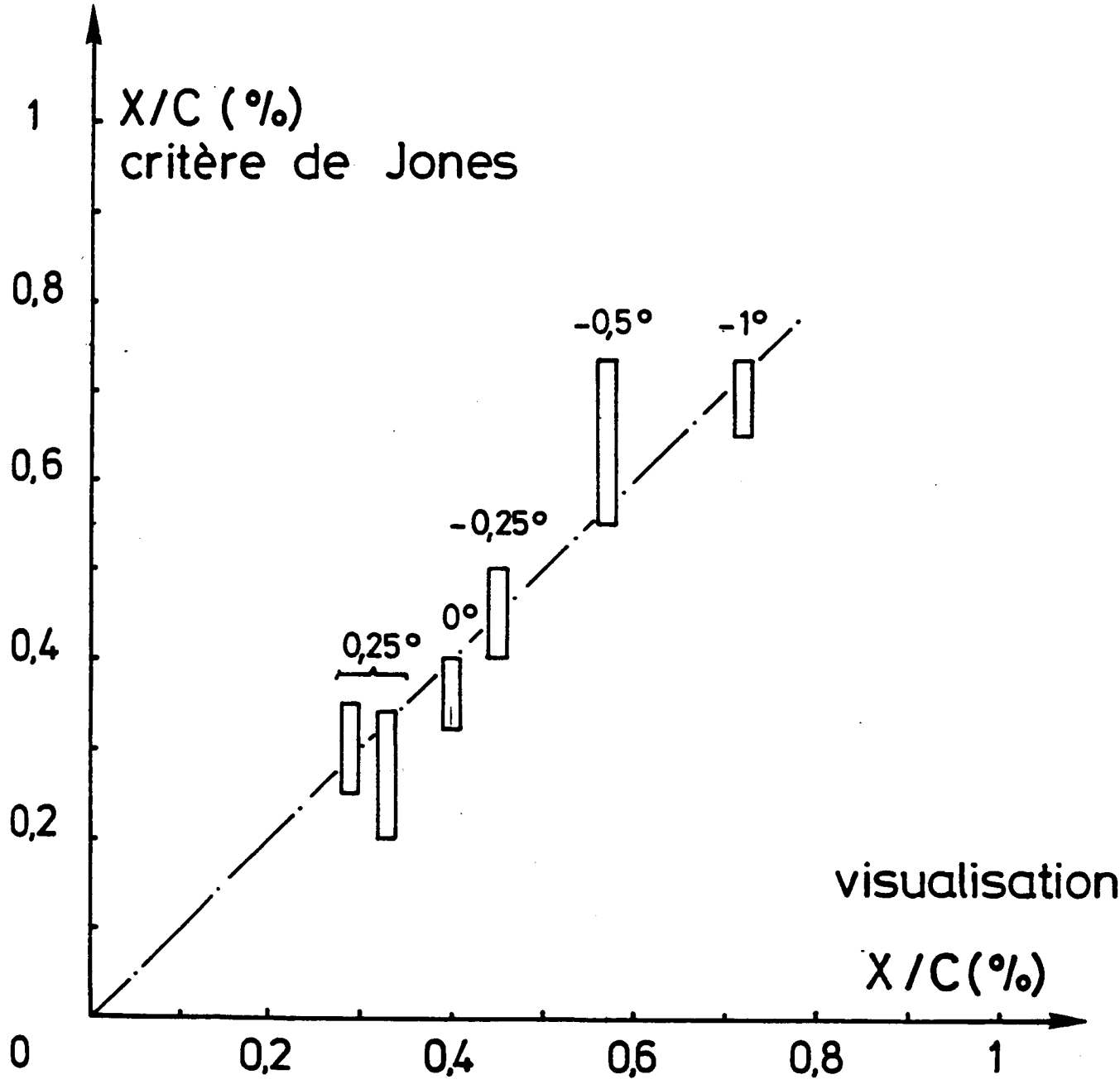
M_o = 0,73 α =-0,5°

PL. 14



REPERAGE DE LA POSITION DE TRANSITION PAR SONDE D'ARRET

$M_o = 0,73 \qquad \alpha = -1°$



REPERAGE DE LA POSITION DE TRANSITION : COMPARAISON CRITERE DE JONES - VISUALISATION

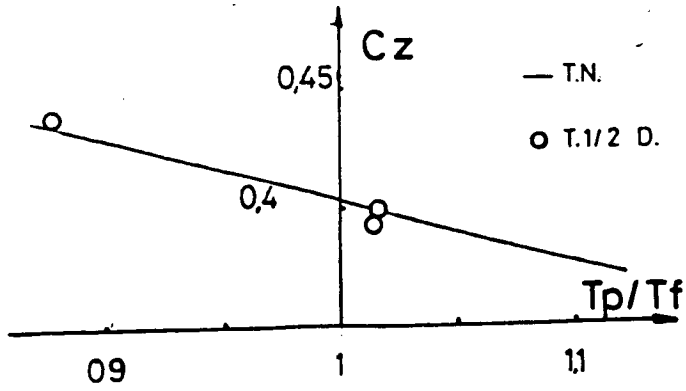
Page sans texte

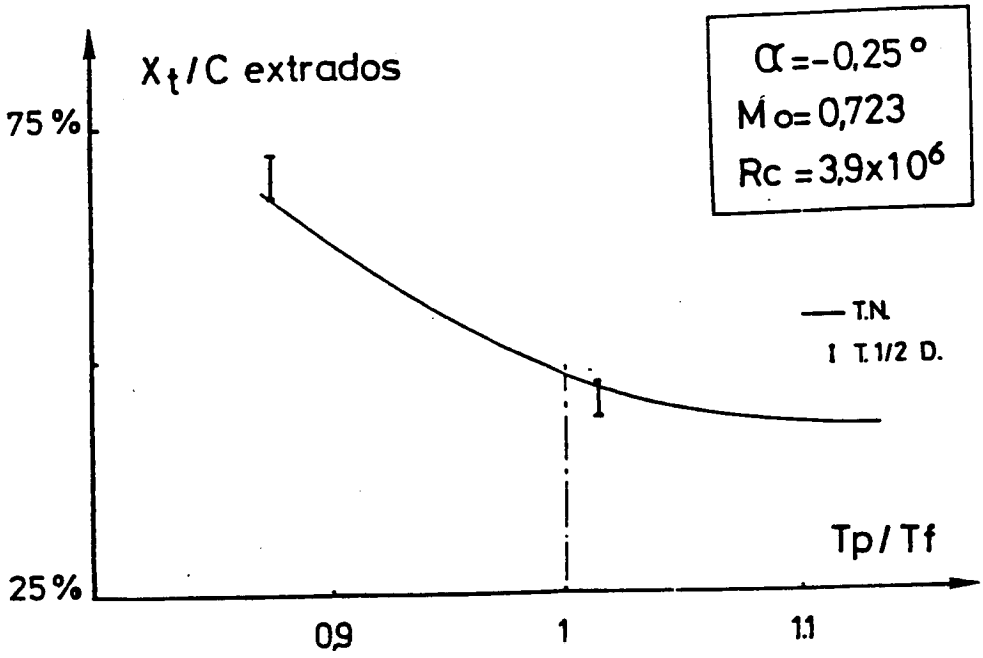
ESSAIS EN TRANSITION DEMI-DECLENCHEE

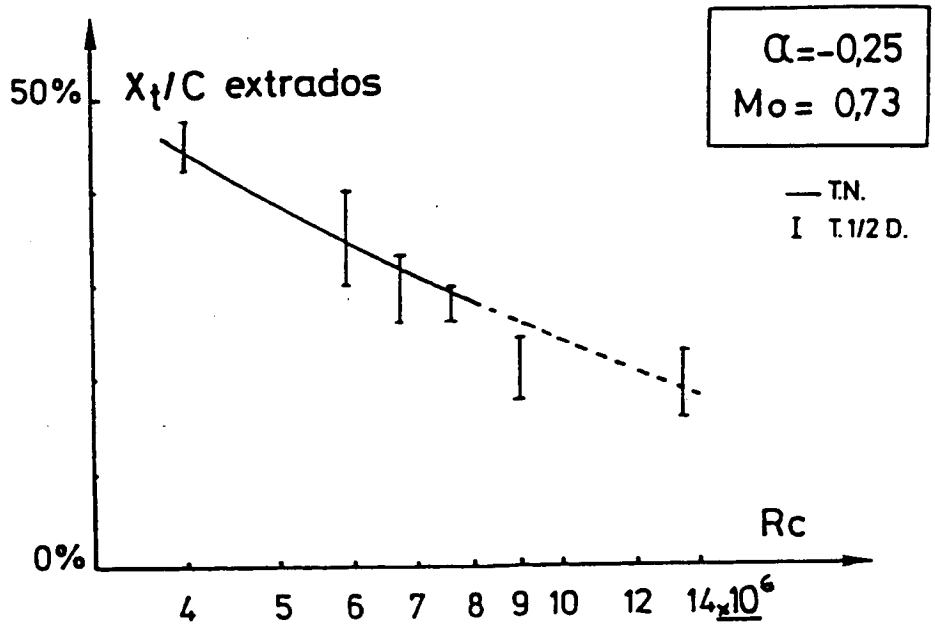
T. 1/2 D.

PLANCHES 16 à 47

PL. 16







COMPARAISON DE RESULTATS T.N. - T. 1/2 D.

Page sans texte

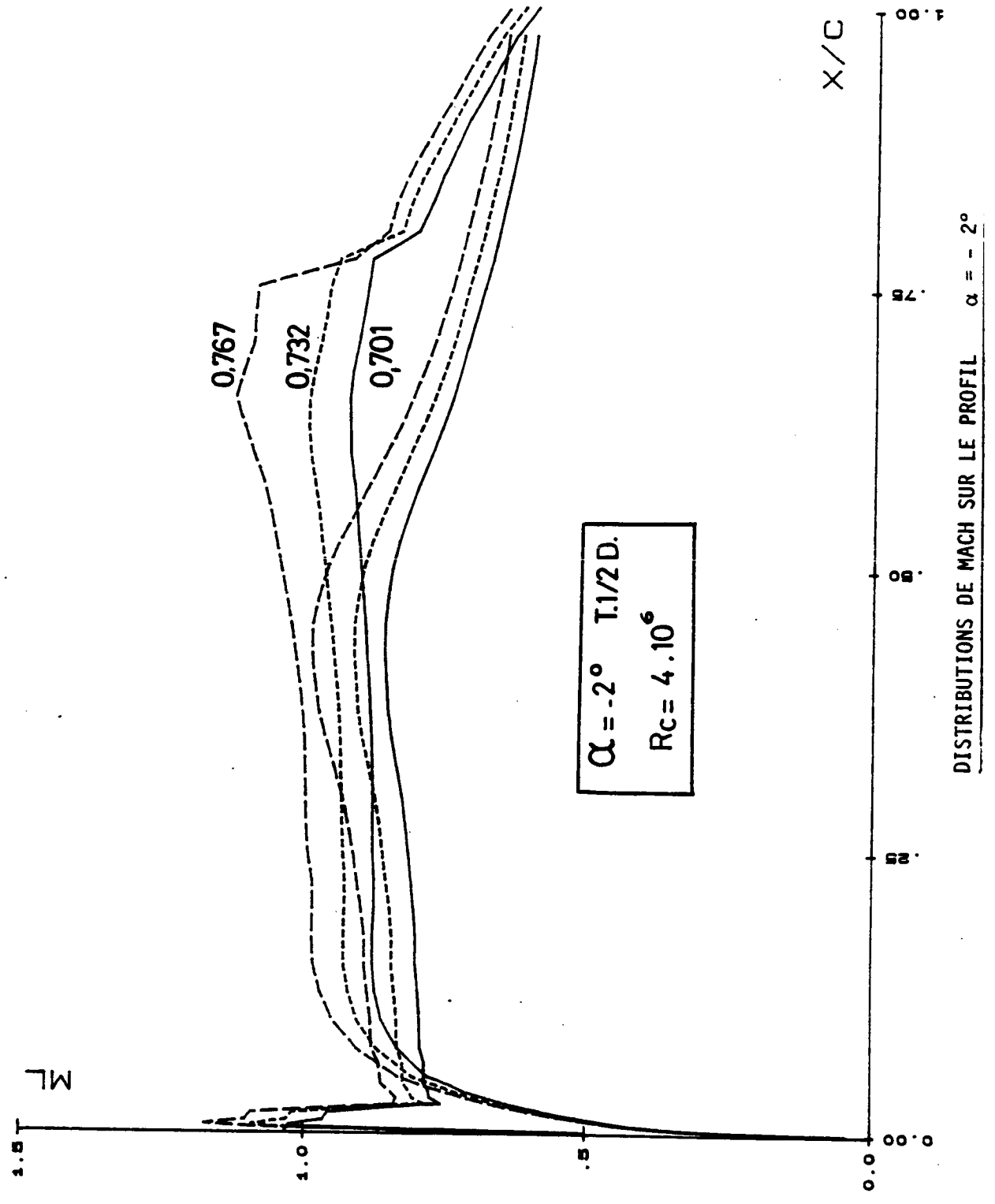
T. 1/2 D.

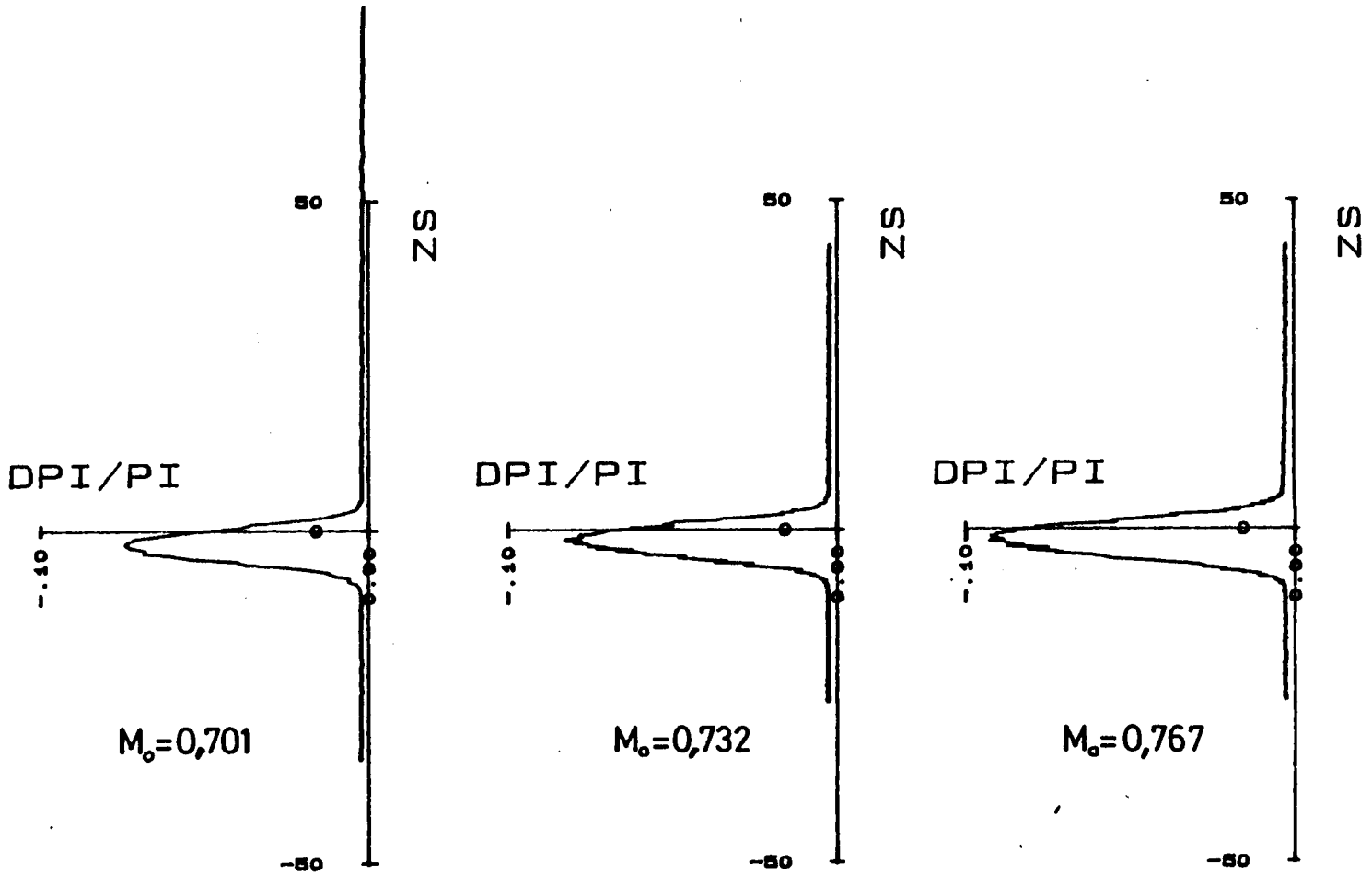
VARIATION DU NOMBRE DE MACH

$R_c = 4 \quad 10^6$

$\alpha = -2°$	PL. 17 et 18
$\alpha = -1°$	PL. 19 et 20
$\alpha = 0{,}5°$	PL. 21 et 22
$\alpha = 0$	PL. 23 et 24
$\alpha = 1°$	PL. 25 et 26
$\alpha = 2°$	PL. 27 et 28

PL. 17

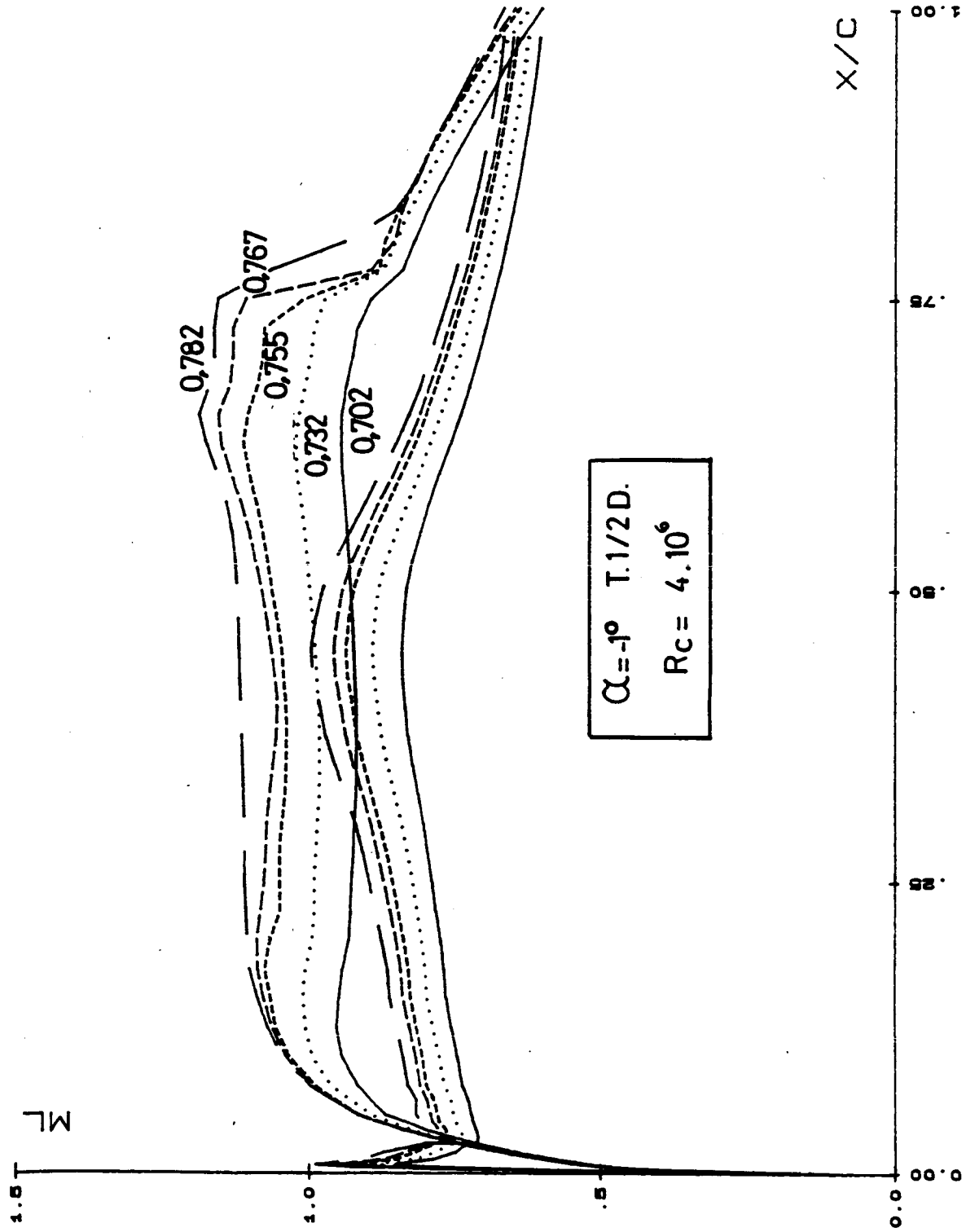

DISTRIBUTIONS DE MACH SUR LE PROFIL α = - 2°
X/C
ML
0,767
0,732
0,701
α = -2° T1/2 D.
Rc = 4.10⁶
0.00
.25
.50
.75
1.00
.5
1.0
1.5



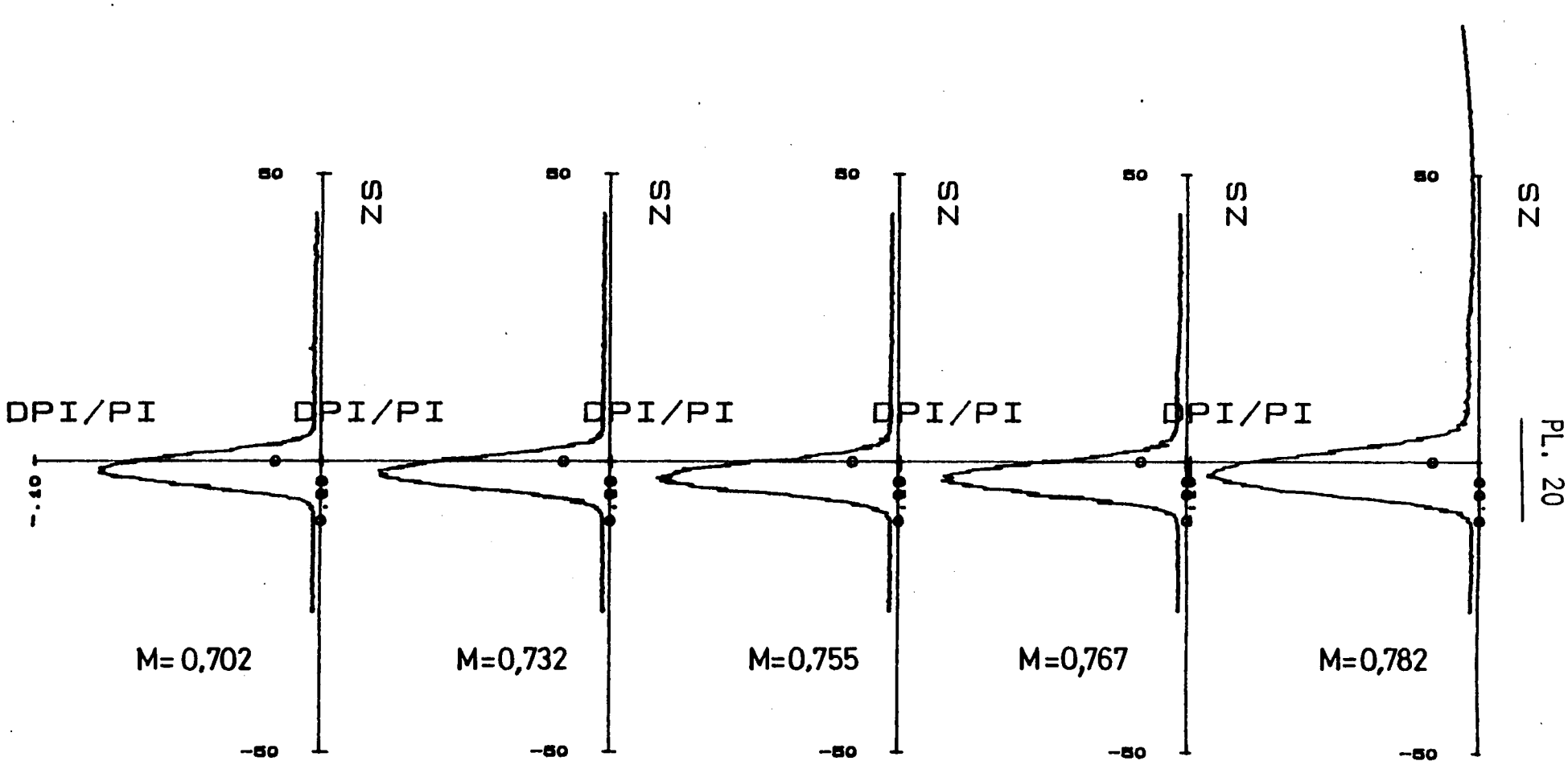
α=-2° T.1/2D. Rc=4.10^6

SONDAGES DES SILLAGES α = - 2°

PL. 19



DISTRIBUTIONS DE MACH SUR LE PROFIL $\alpha = -1°$

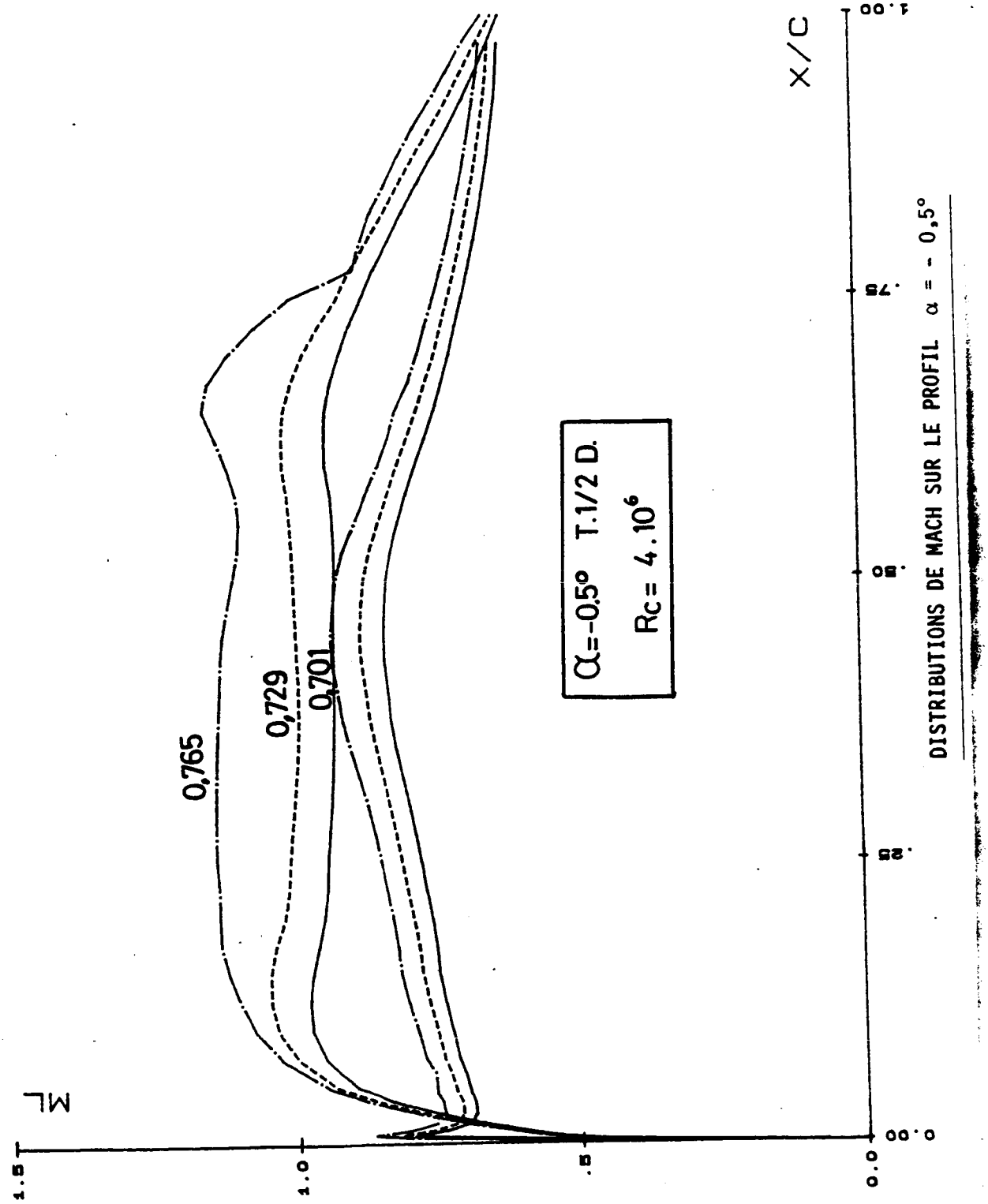


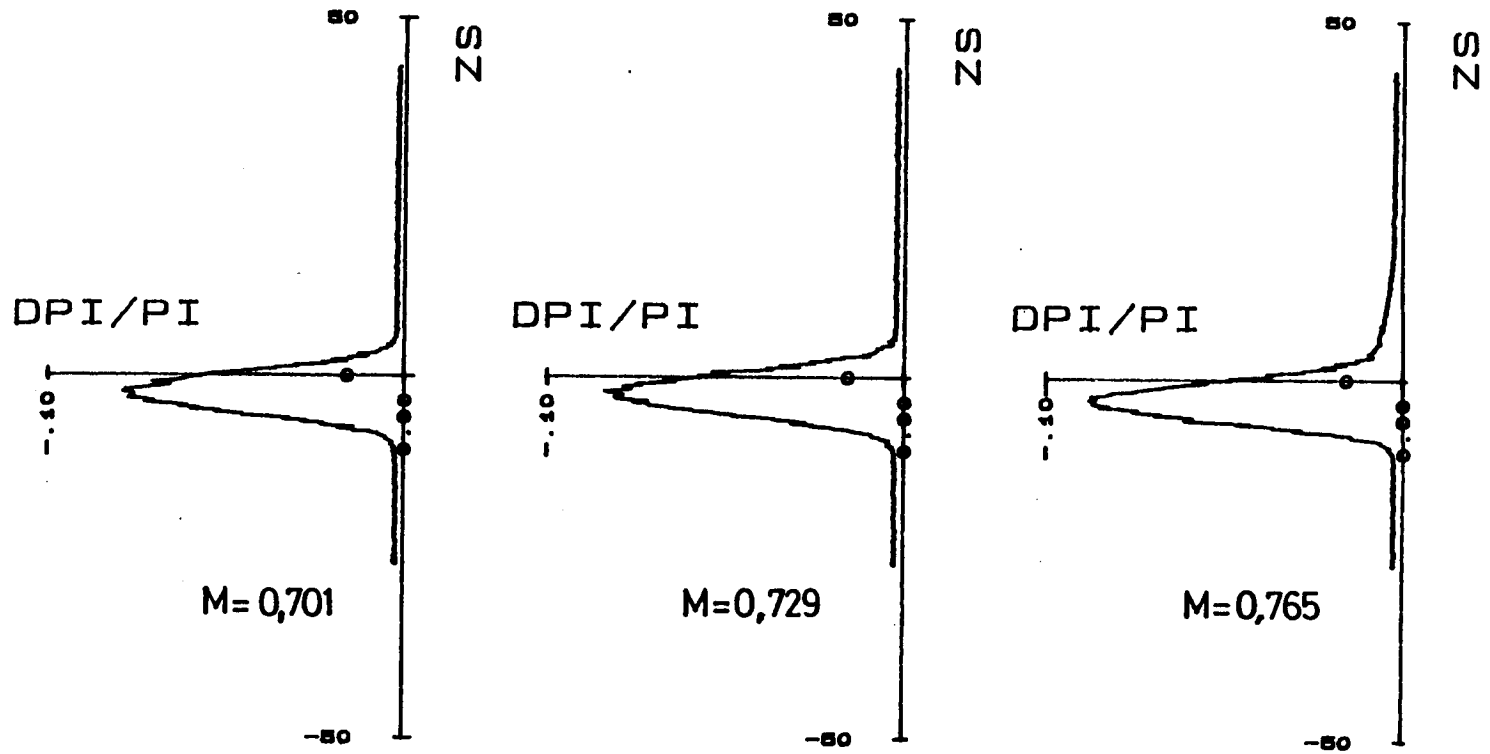
PL. 20

$\alpha = -1°$ $Rc = 4.10^6$ T. 1/2 D.

SONDAGES DES SILLAGES $\alpha = -1°$

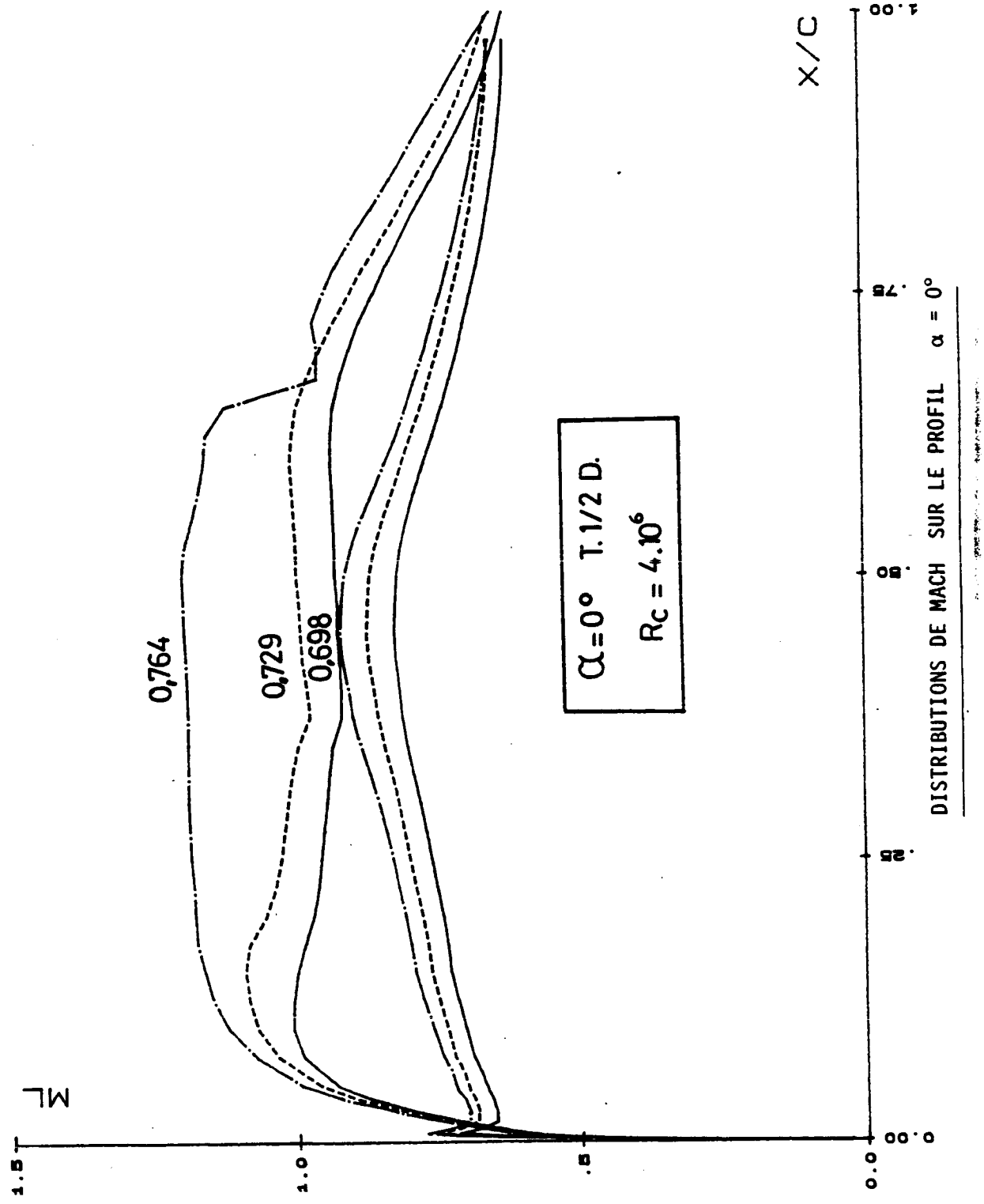
PL. 21


ML
1.5
1.0
.5
0.0
0.00
.25
.50
.75
1.00
X/C
0,765
0,729
0,701
α=-0,5° T.1/2 D.
Rc= 4.10⁶
DISTRIBUTIONS DE MACH SUR LE PROFIL α = - 0,5°

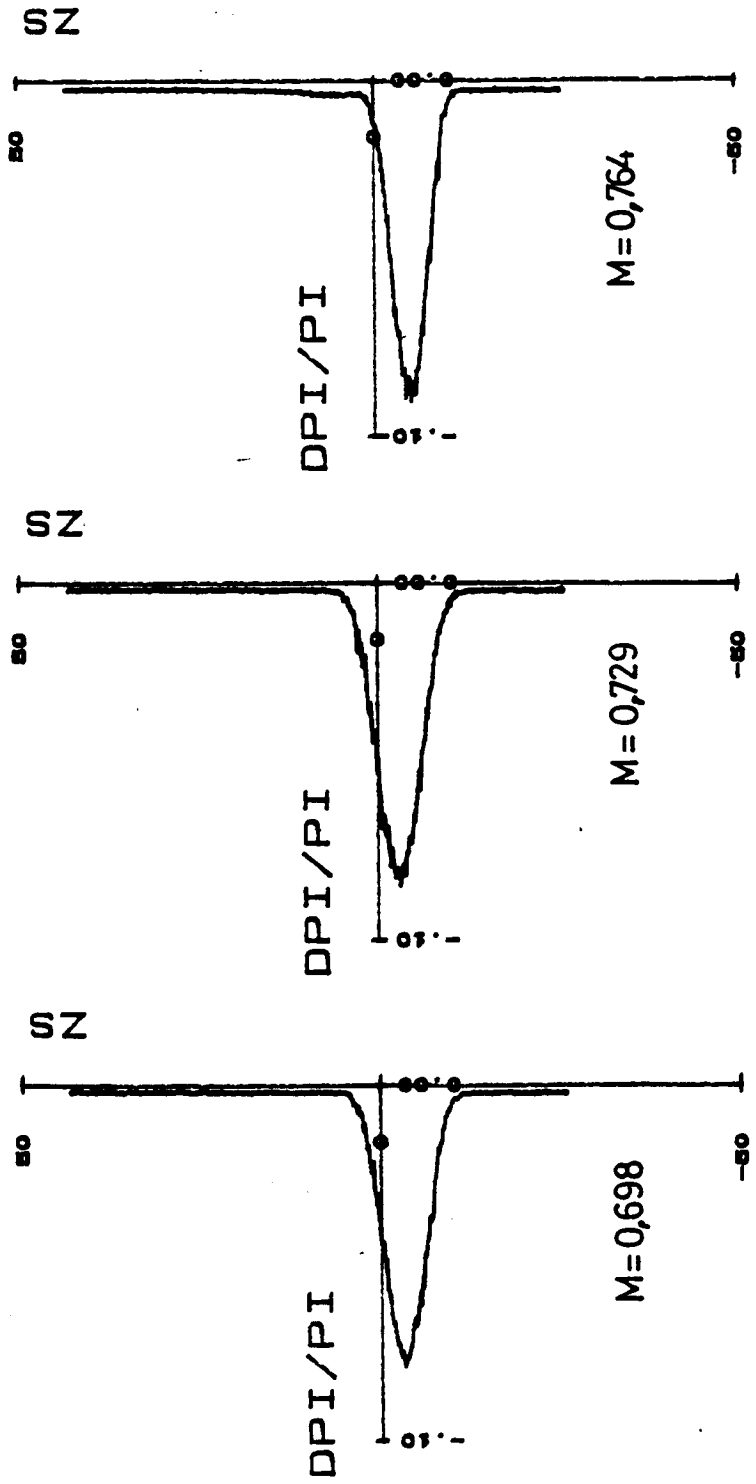


$\alpha = -0.5°$ $Rc = 4.10^6$ T. 1/2 D.

SONDAGES DES SILLAGES $\alpha = -0,5°$

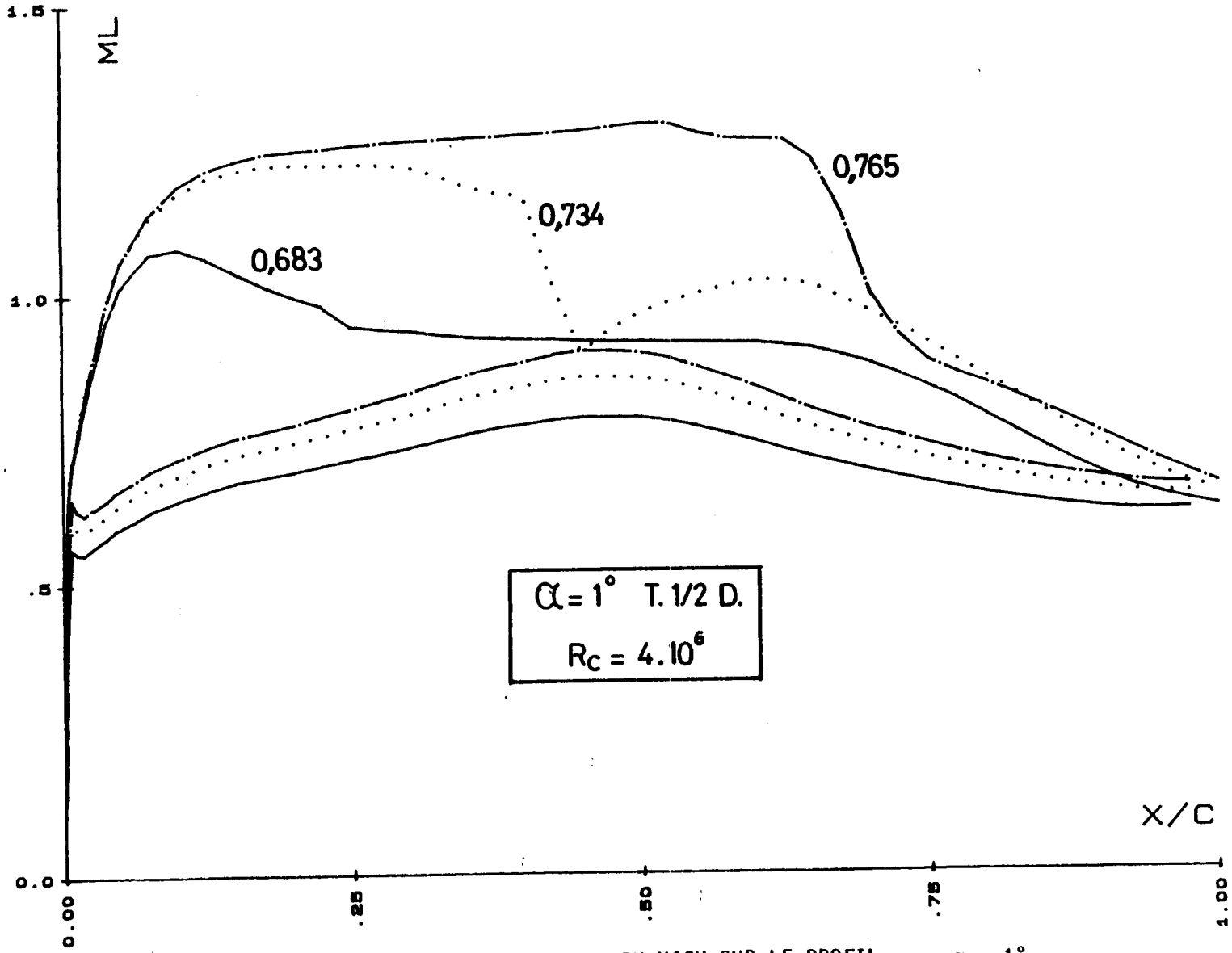


DISTRIBUTIONS DE MACH SUR LE PROFIL α = 0°



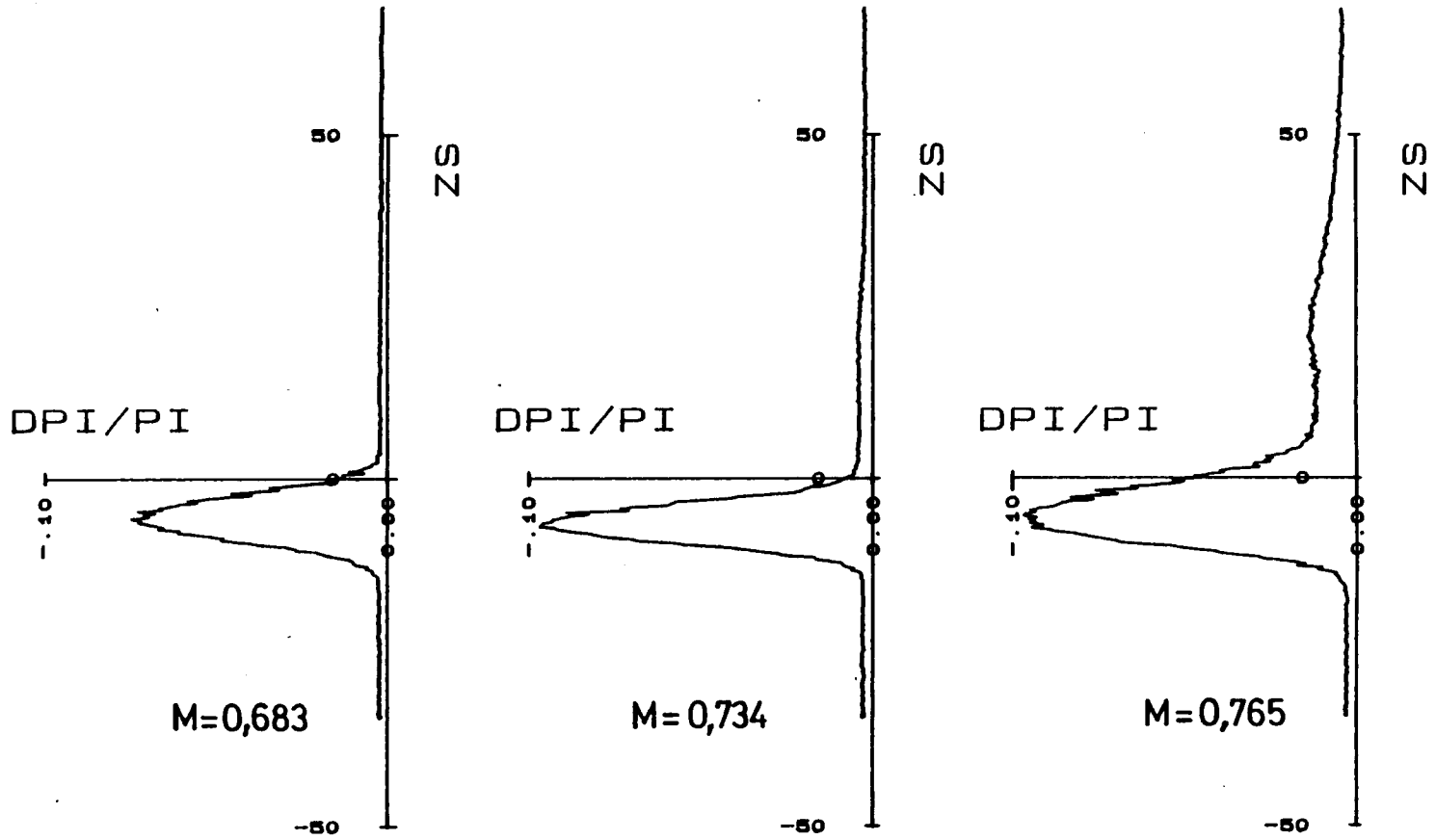
$\alpha = 0°$ $Rc = 4.10^6$ T.1/2D.

SONDAGES DES SILLAGES $\alpha = 0°$



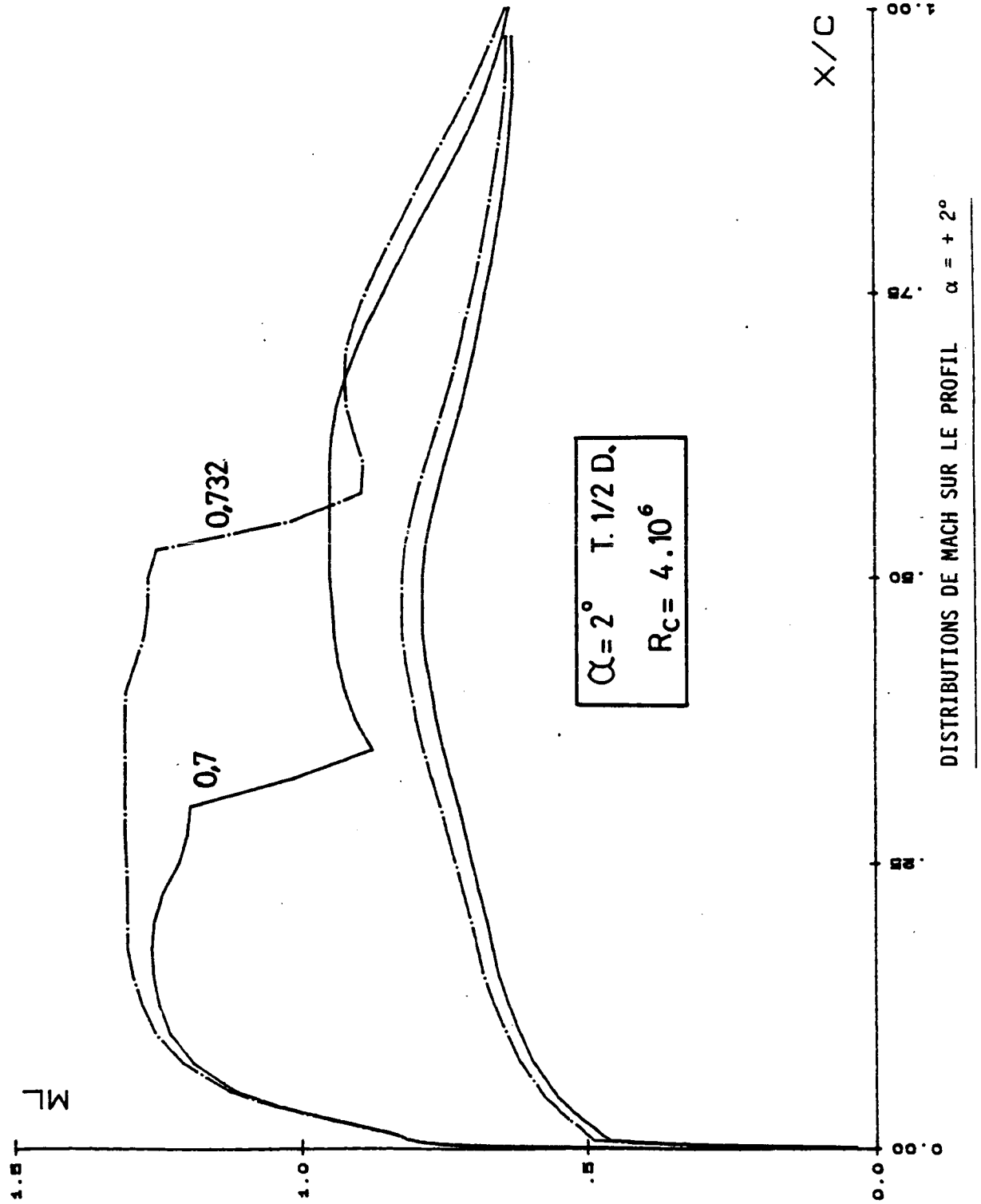
DISTRIBUTIONS DU MACH SUR LE PROFIL α = 1°

PL. 25

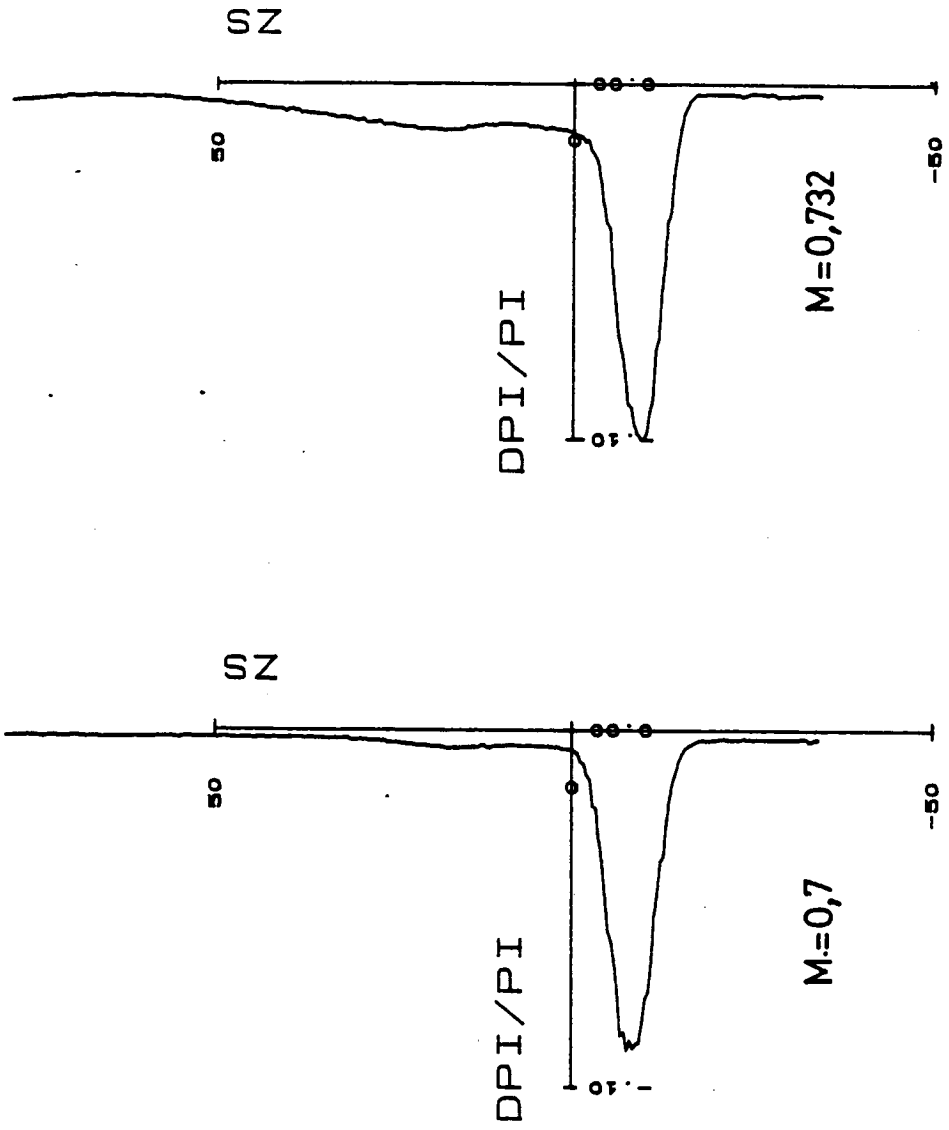


$\alpha = 1°$ $Rc = 4.10^6$ T. 1/2 D.

SONDAGES DES SILLAGES $\alpha = 1°$



DISTRIBUTIONS DE MACH SUR LE PROFIL α = + 2°



$\alpha = 2°$ $Rc = 4.10^6$ T.1/2 D.

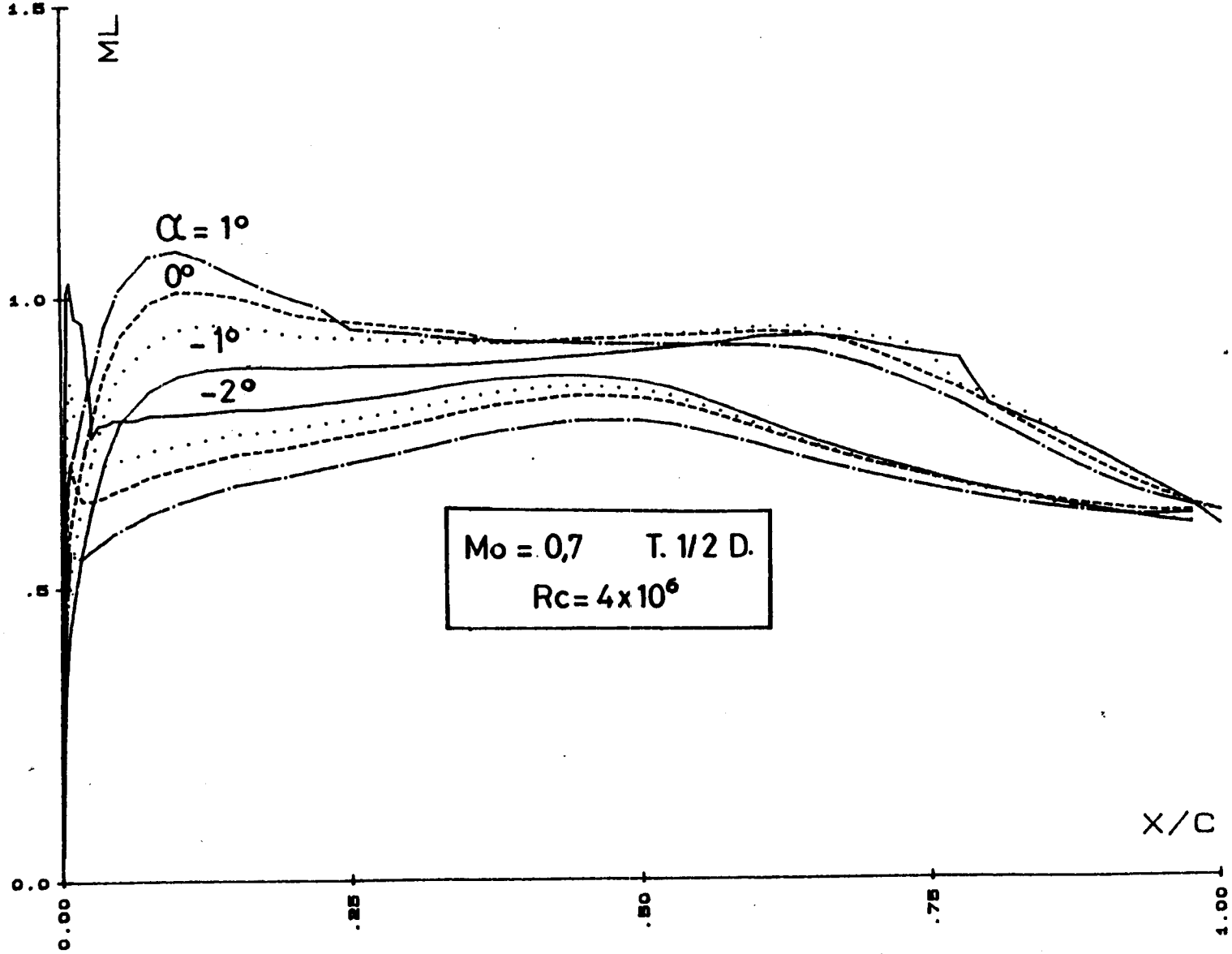
SONDAGES DES SILLAGES $\alpha = + 2°$

Page sans texte

T. 1/2 D.

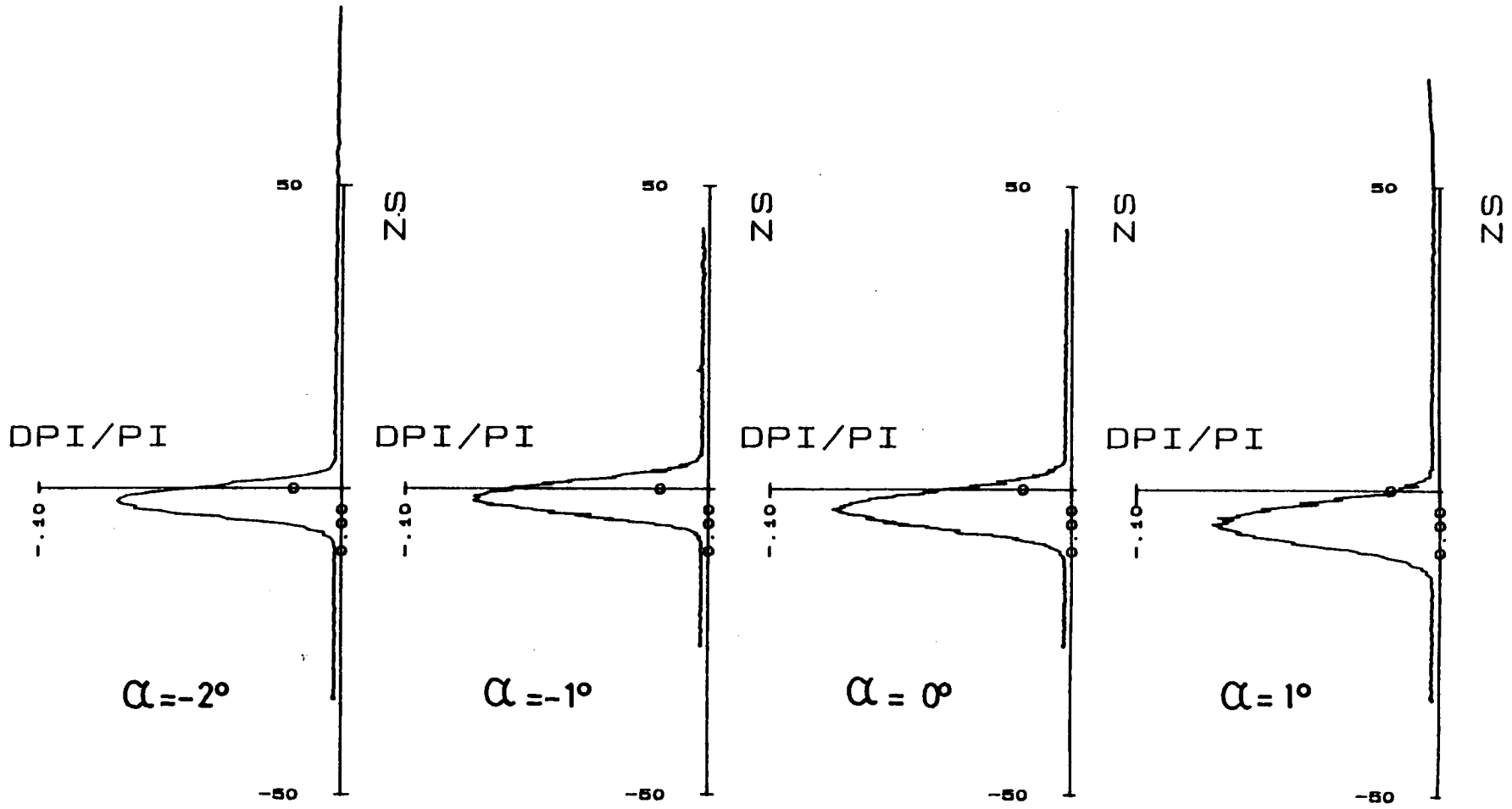
VARIATION D'INCIDENCE

$M_o = 0,7$	PL. 29 et 30
$M_o = 0,73$	PL. 31 et 32
$M_o = 0,766$	PL. 33 et 34
$M_o = 0,784$	PL. 35 et 36



DISTRIBUTIONS DE MACH SUR LE PROFIL $M_o = 0,7$

PL. 29

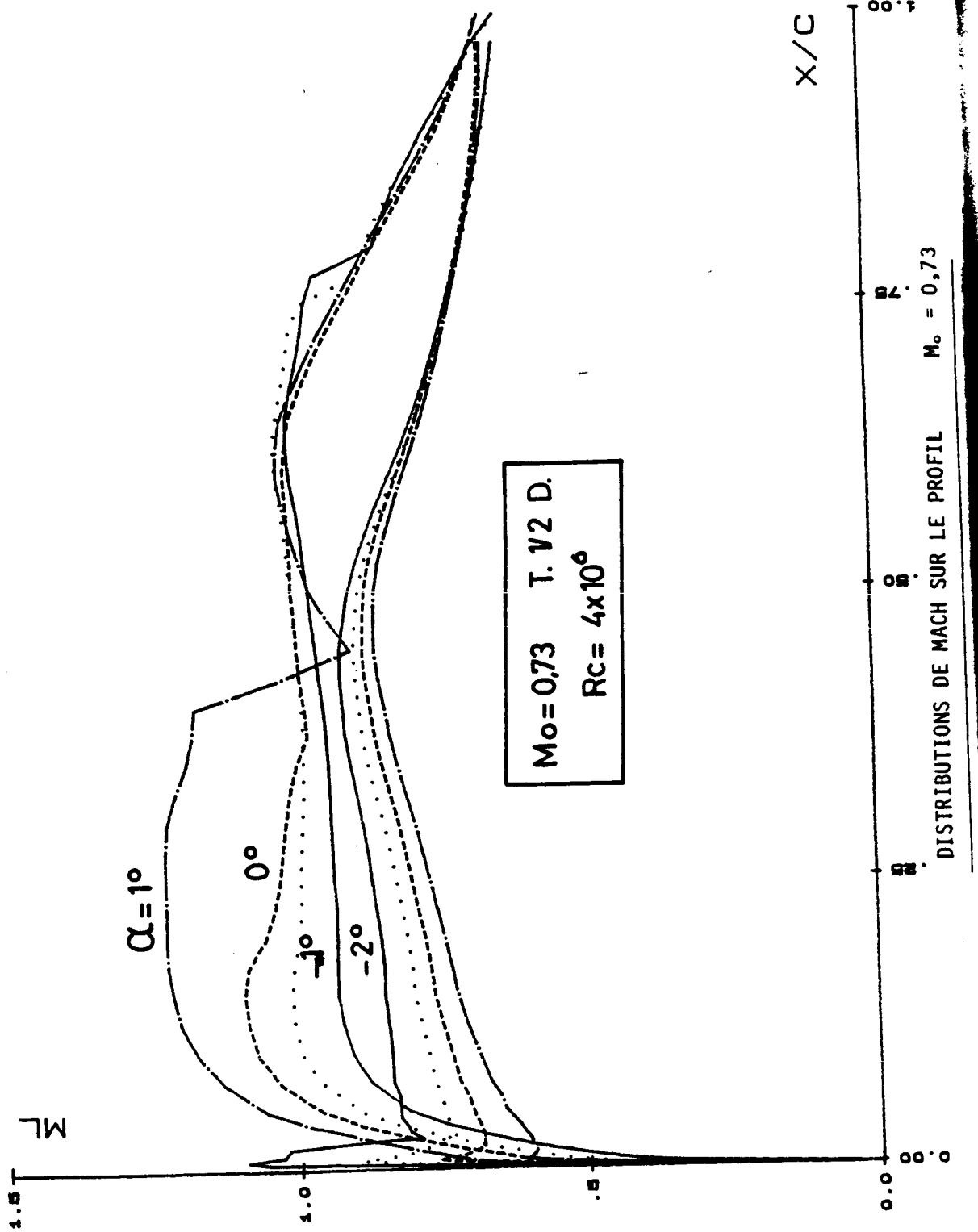


PL. 30

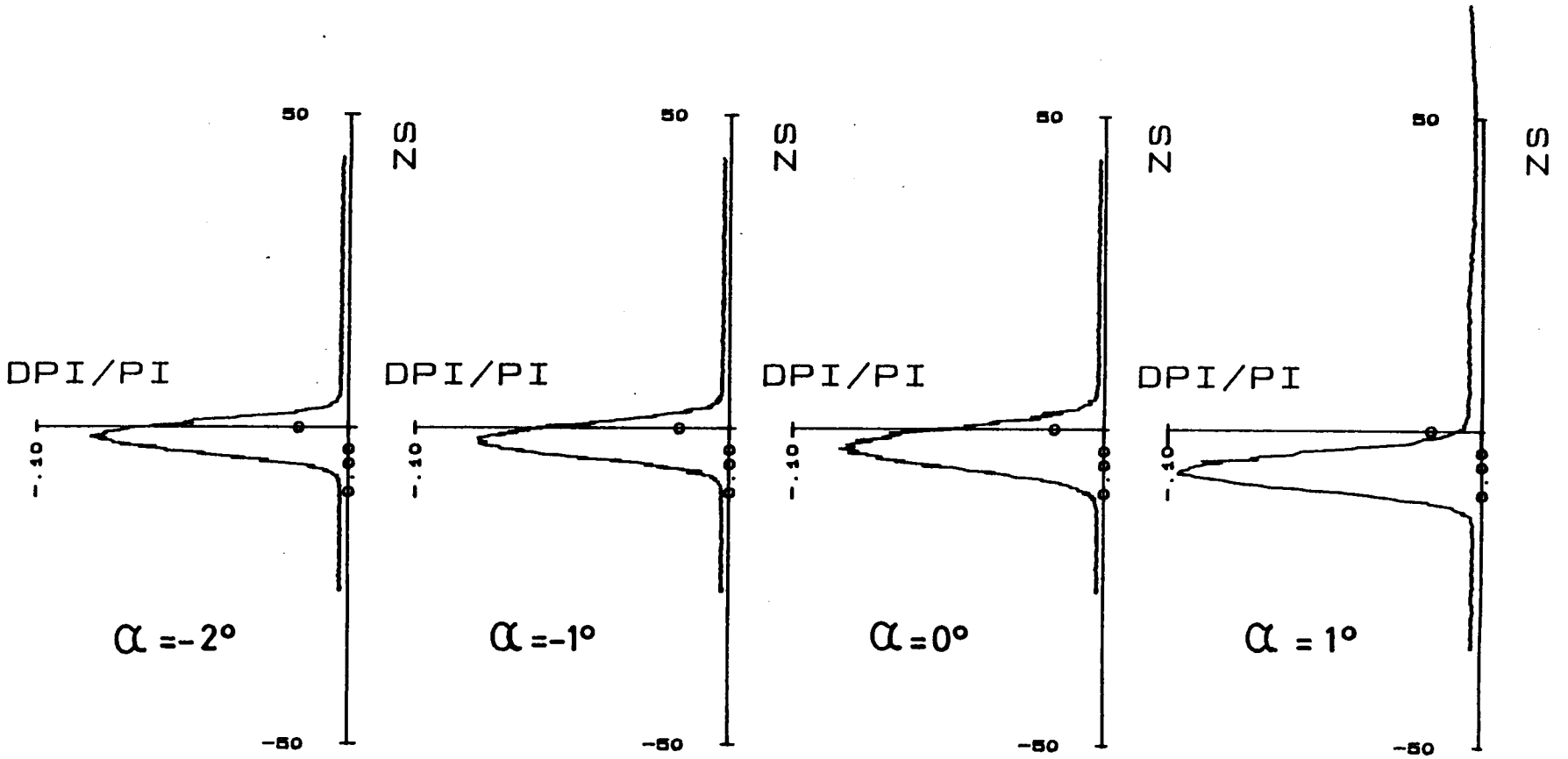
Mo=0,7	Rc =4x10^6	T. 1/2 D.

SONDAGES DES SILLAGES M_o = 0,7

PL. 31



DISTRIBUTIONS DE MACH SUR LE PROFIL $M_o = 0,73$

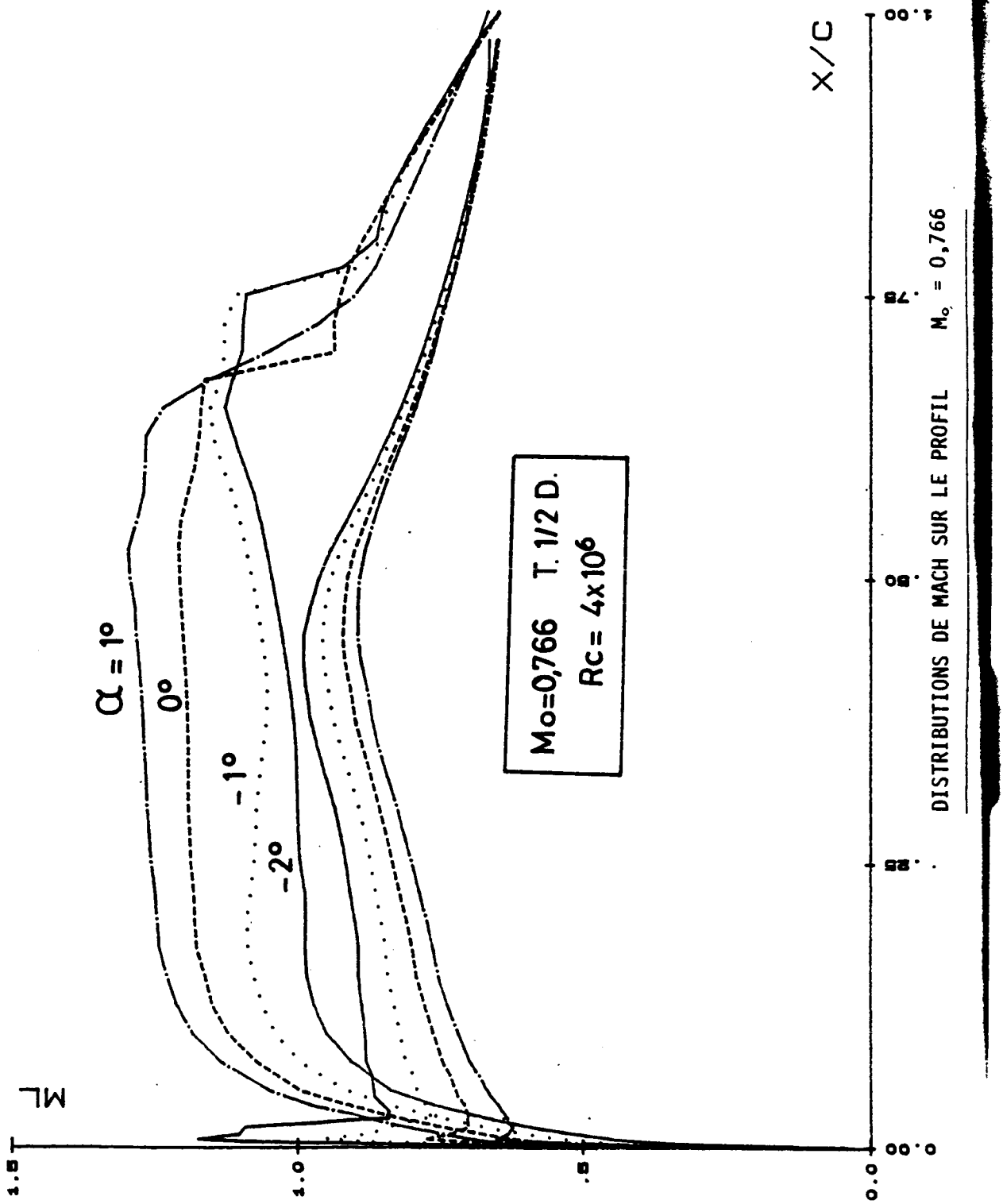


Mo = 0,73	Rc = 4×10^6	T. 1/2 D.

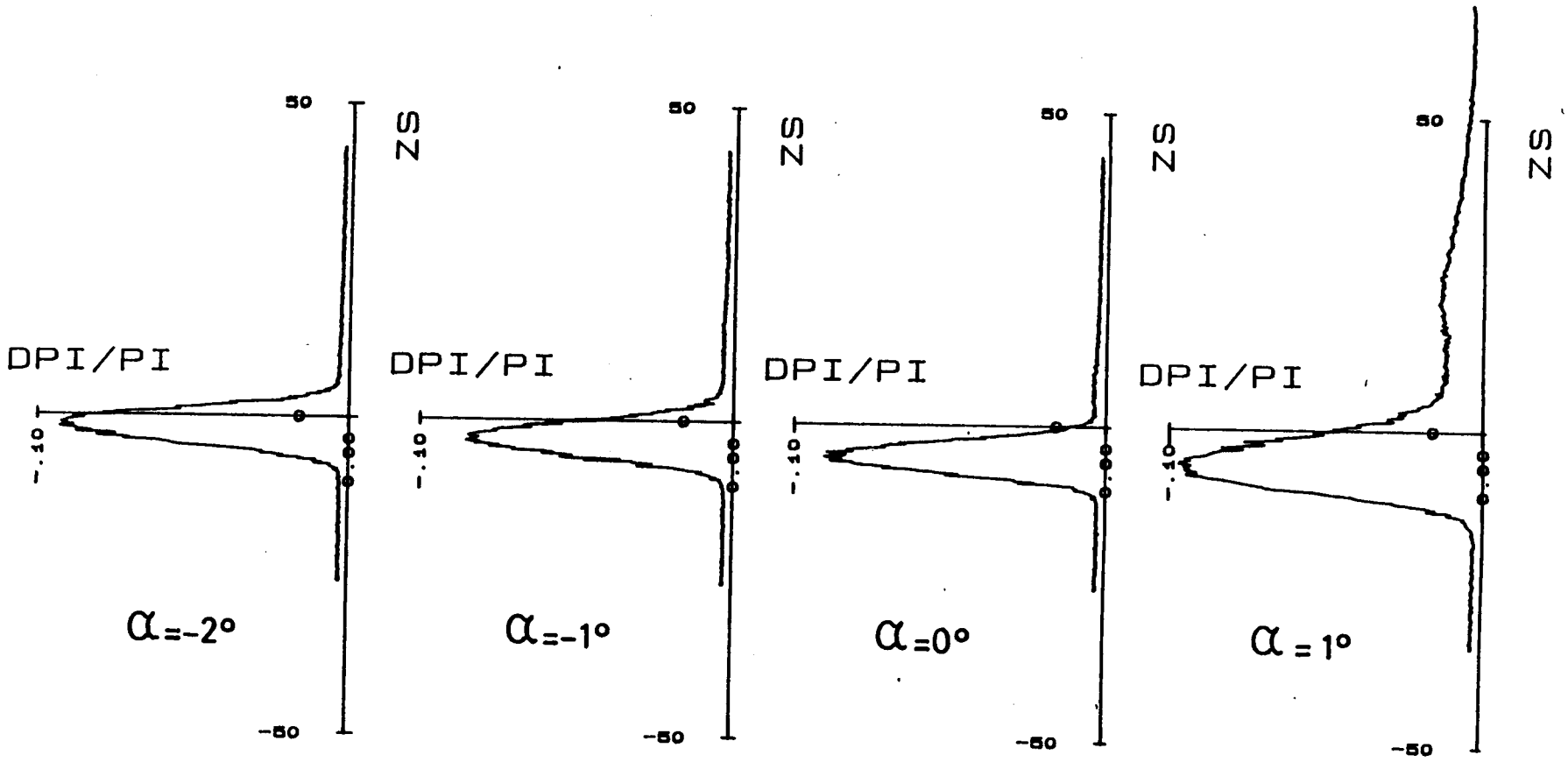
SONDAGES DES SILLAGES $M_o = 0,73$

PL. 32

PL. 33



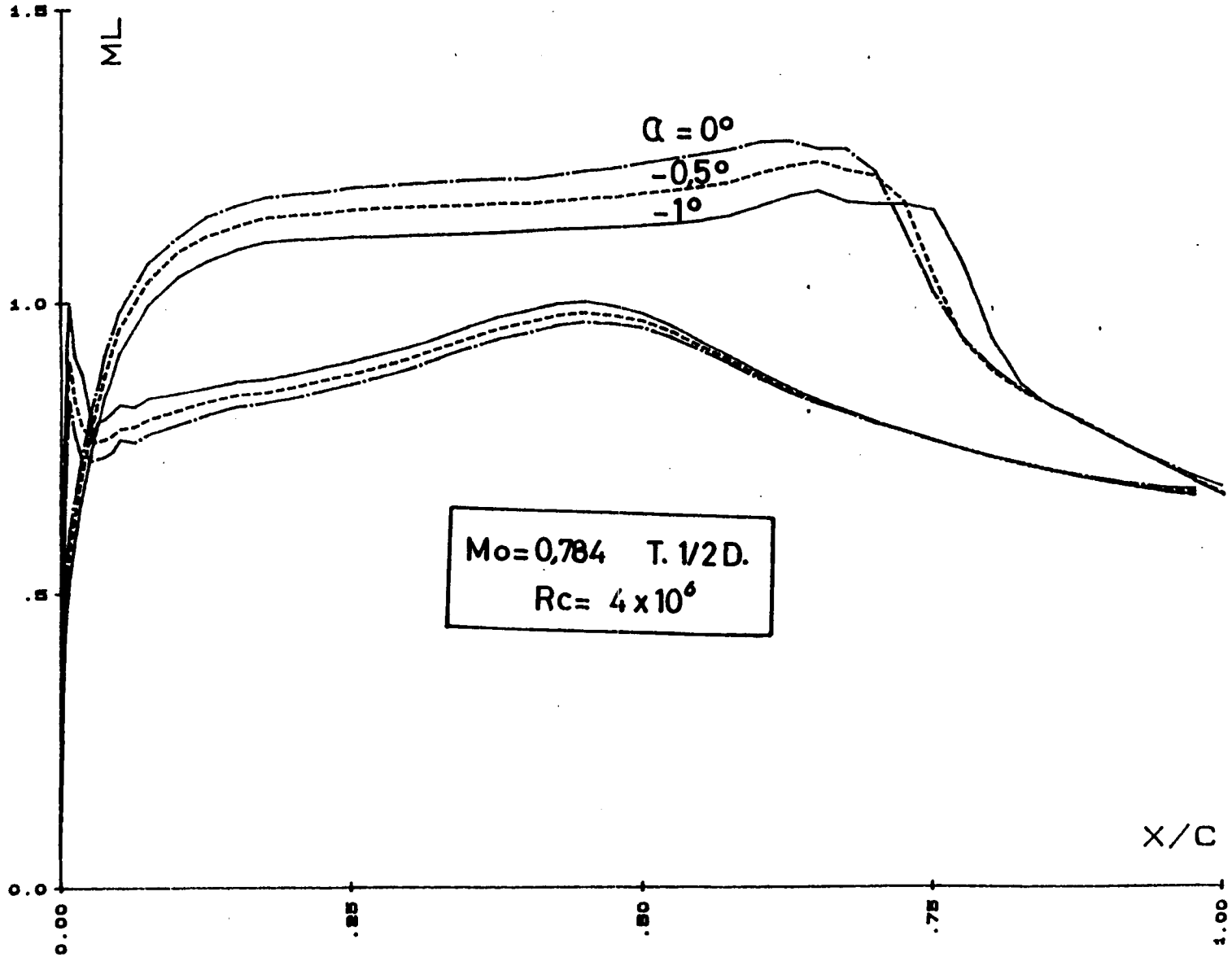
DISTRIBUTIONS DE MACH SUR LE PROFIL M_o = 0,766



PL. 34

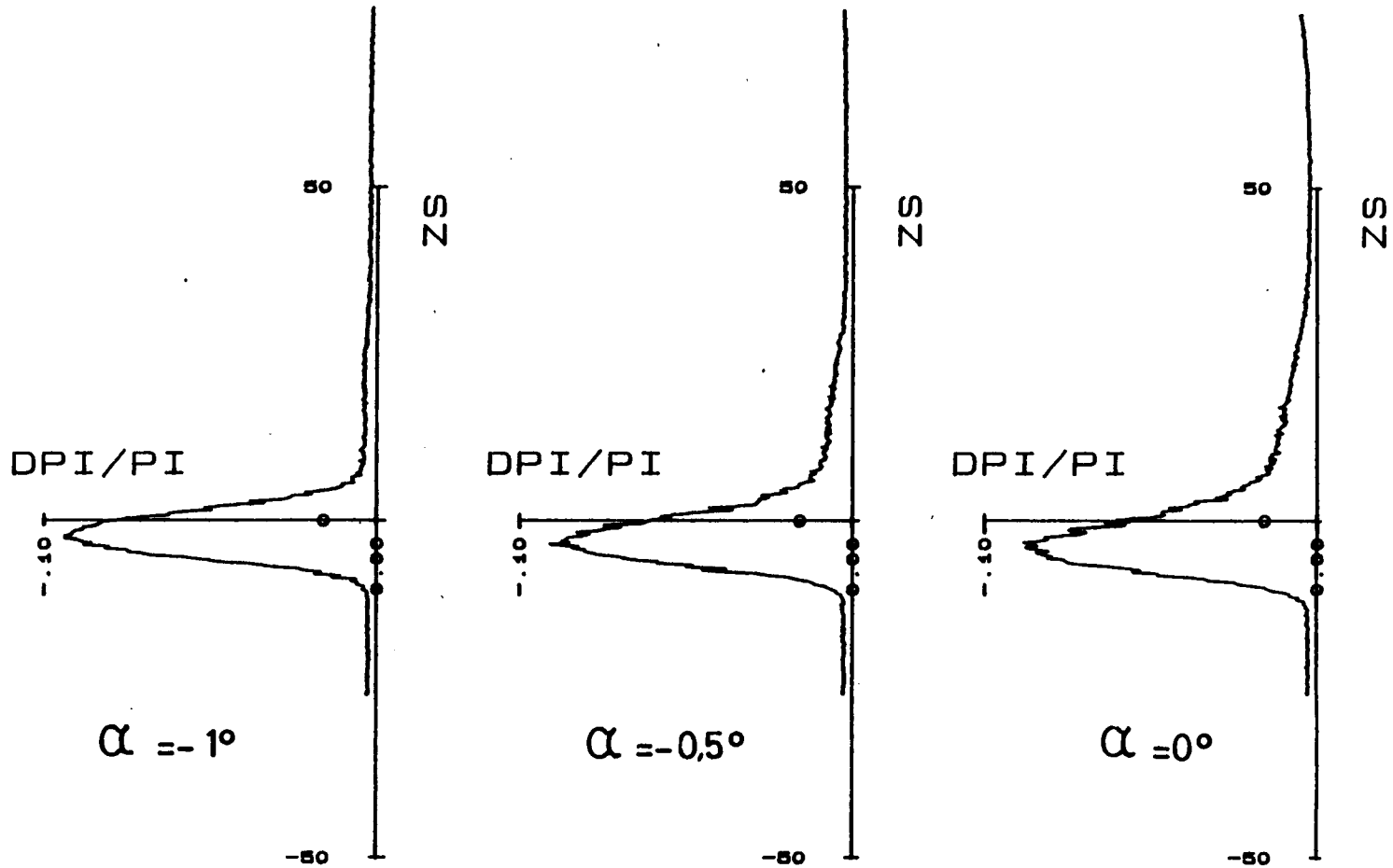
Mo=0,766	Rc =4x10⁶	T. 1/2 D.

SONDAGES DES SILLAGES M_o = 0,766



DISTRIBUTIONS DE MACH SUR LE PROFIL $M_o = 0,784$

PL. 35



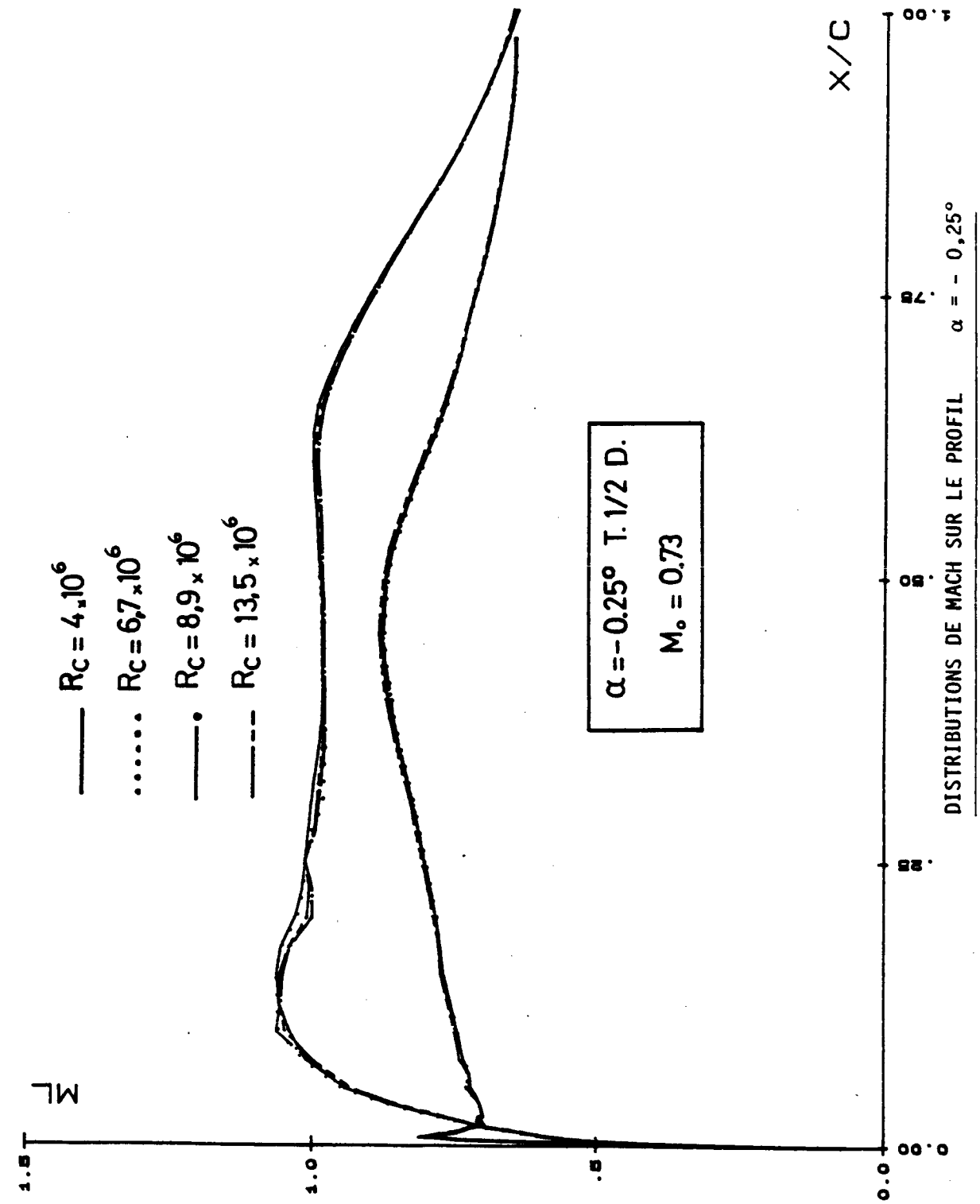
Mo=0,784	Rc= 4×10^6	T. 1/2 D.

SONDAGES DES SILLAGES M_o = 0,784

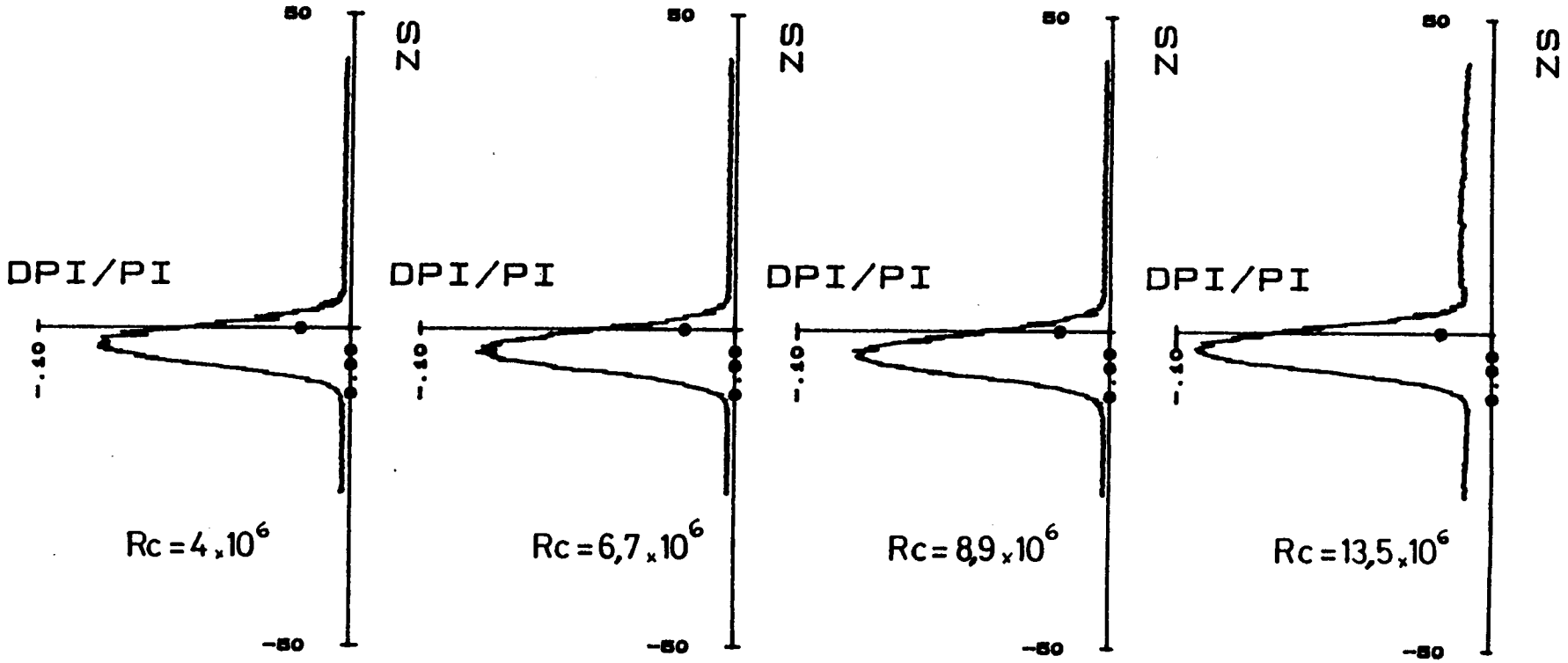
T. 1/2 D.

VARIATION DU NOMBRE DE REYNOLDS

$M_o = 0,73$ et $\alpha = - 0,25°$		PL. 37 et 38
$M_o = 0,76$ et $\alpha = + 0,25°$		PL. 39 et 40



DISTRIBUTIONS DE MACH SUR LE PROFIL $\alpha = -0{,}25°$

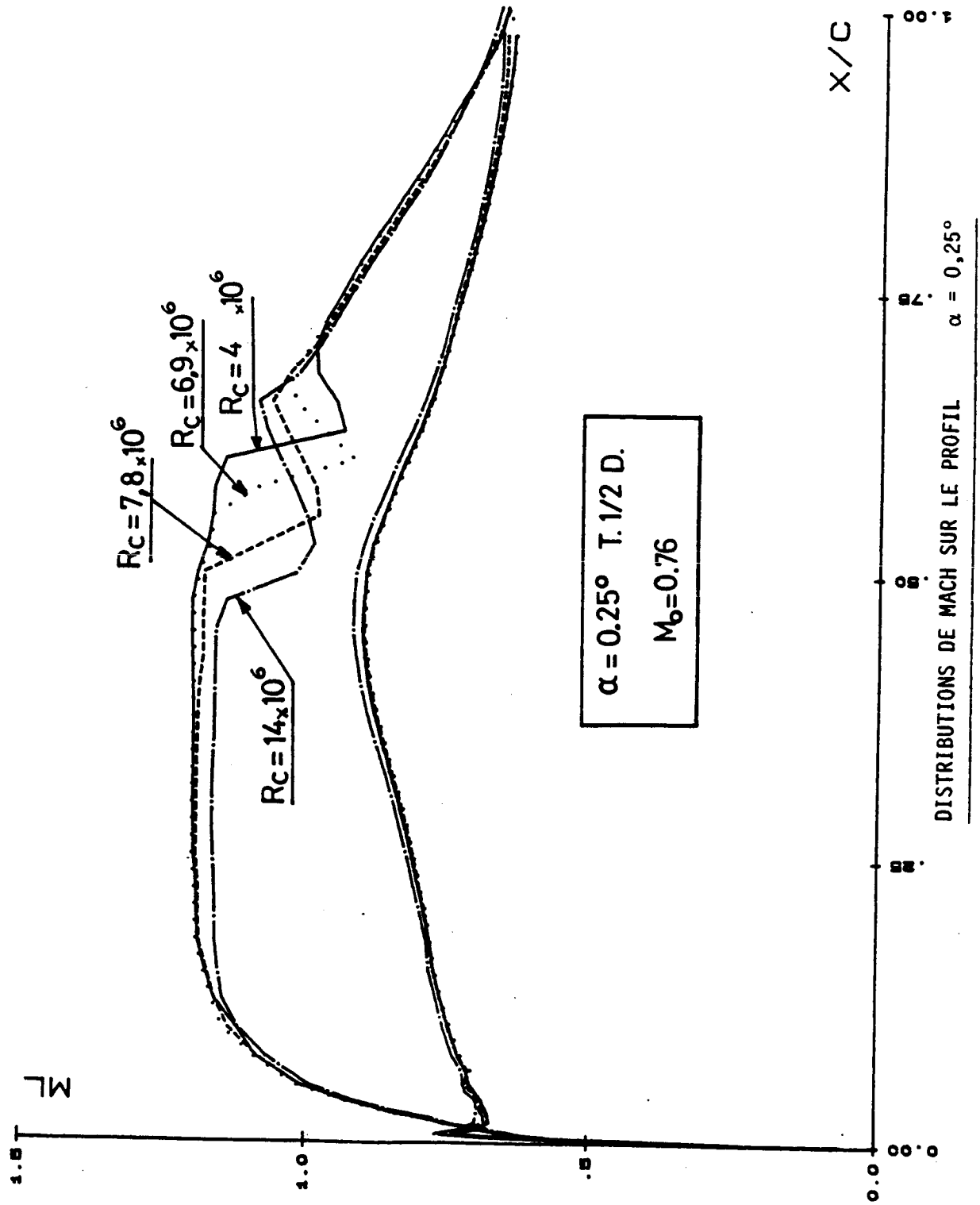


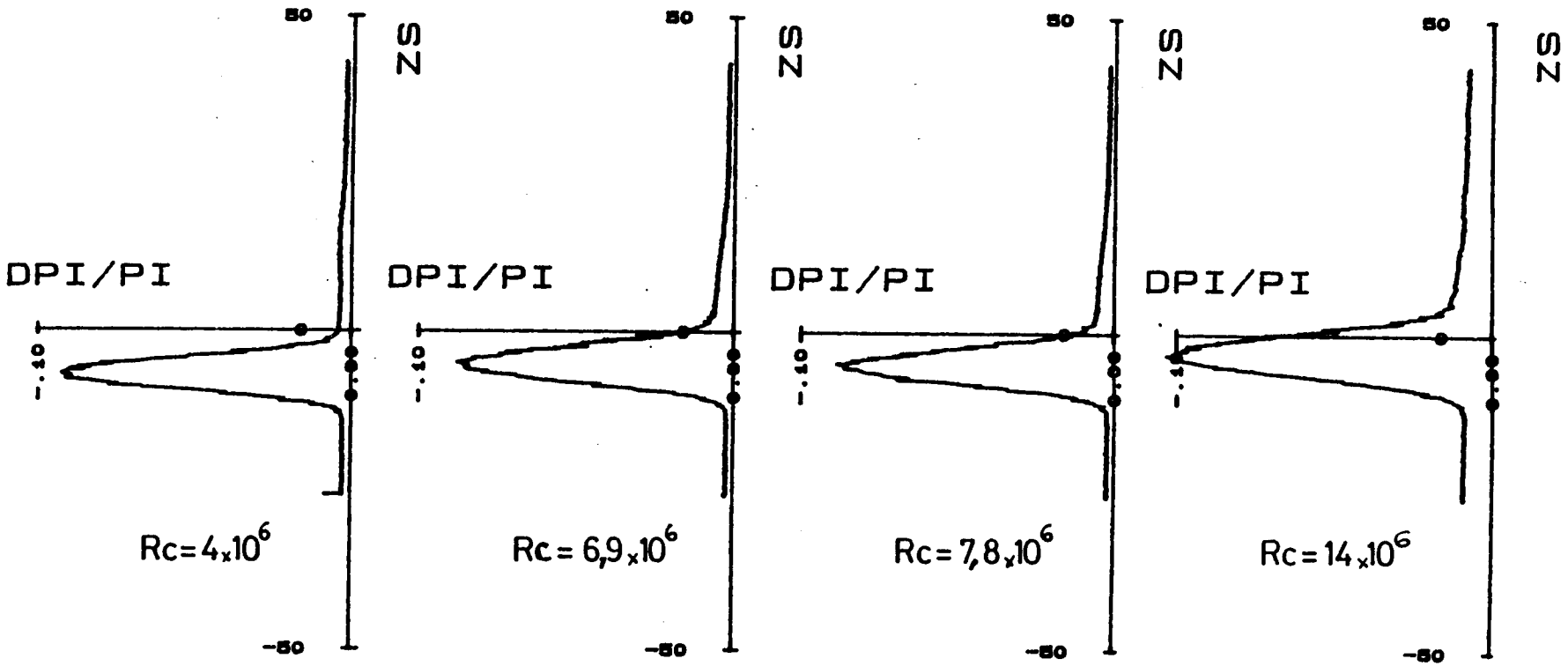
PL. 38

$\alpha = -0,25°$ $M_\infty = 0.73$ T. 1/2 D.

SONDAGES DES SILLAGES $M_o = 0,73$

PL. 39


ML
1.5
1.0
.5
0.0
.00
.25
.50
.75
1.00
X/C
DISTRIBUTIONS DE MACH SUR LE PROFIL
α = 0,25°
α = 0.25° T. 1/2 D.
M∞=0.76
Rc=7,8x10^6
Rc=6,9x10^6
Rc=4 x10^6
Rc=14x10^6



PL. 40

$\alpha = 0.25°$ M=0.76 T.1/2 D.

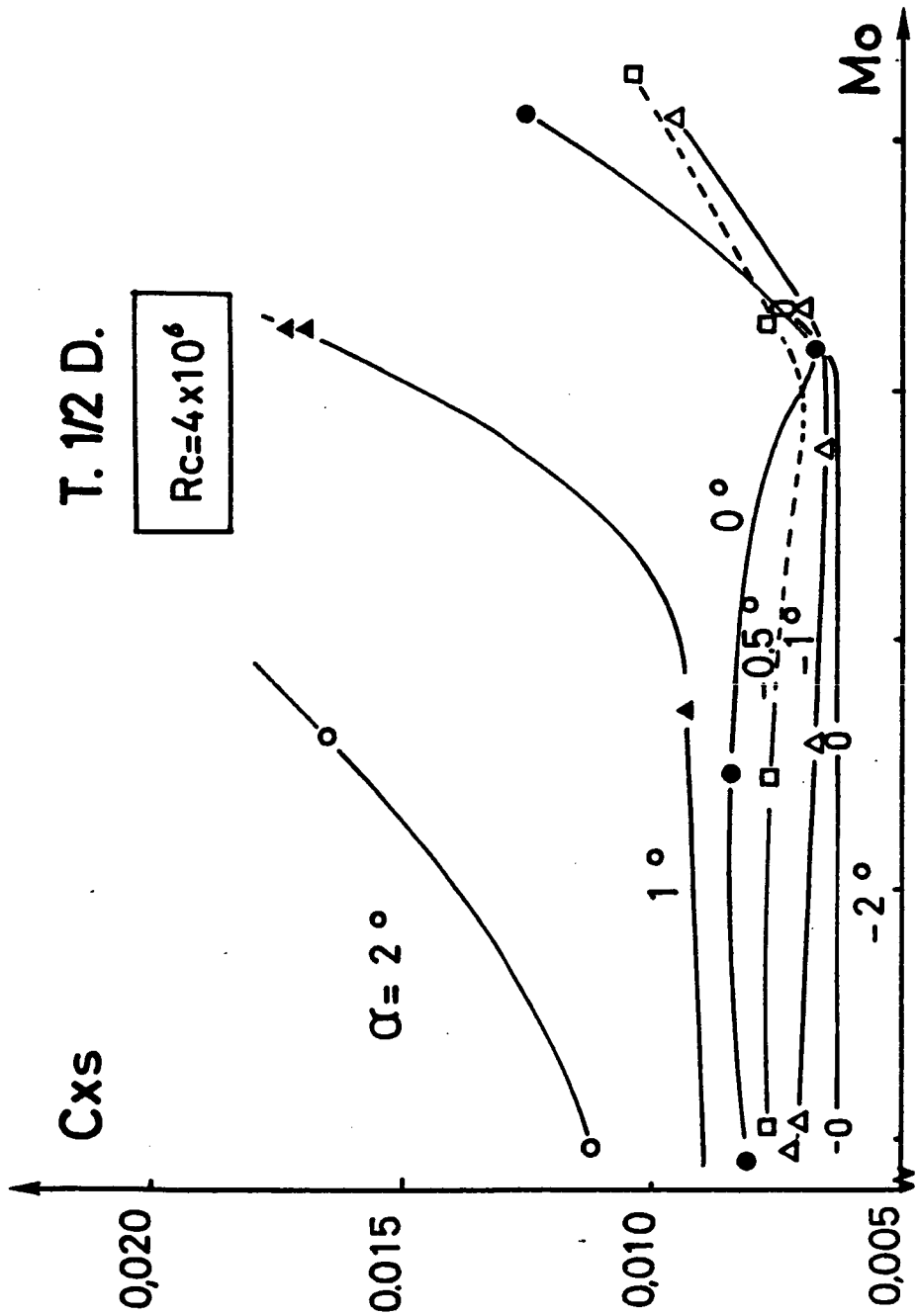
SONDAGES DES SILLAGES M = 0.76

T. 1/2 D.

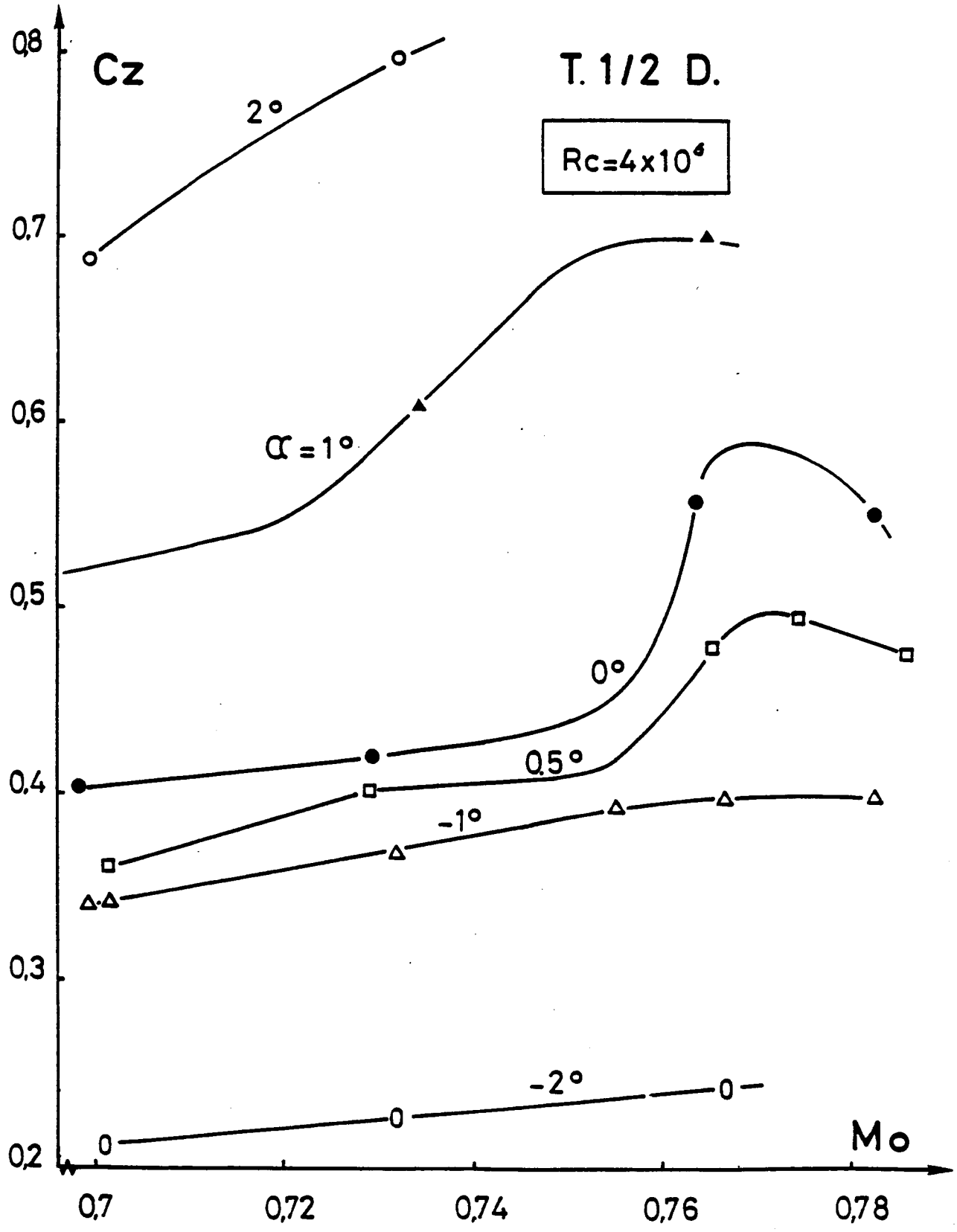
COEFFICIENTS AERODYNAMIQUES EN FONCTION DU NOMBRE DE MACH

$R_C = 4\ 10^6$

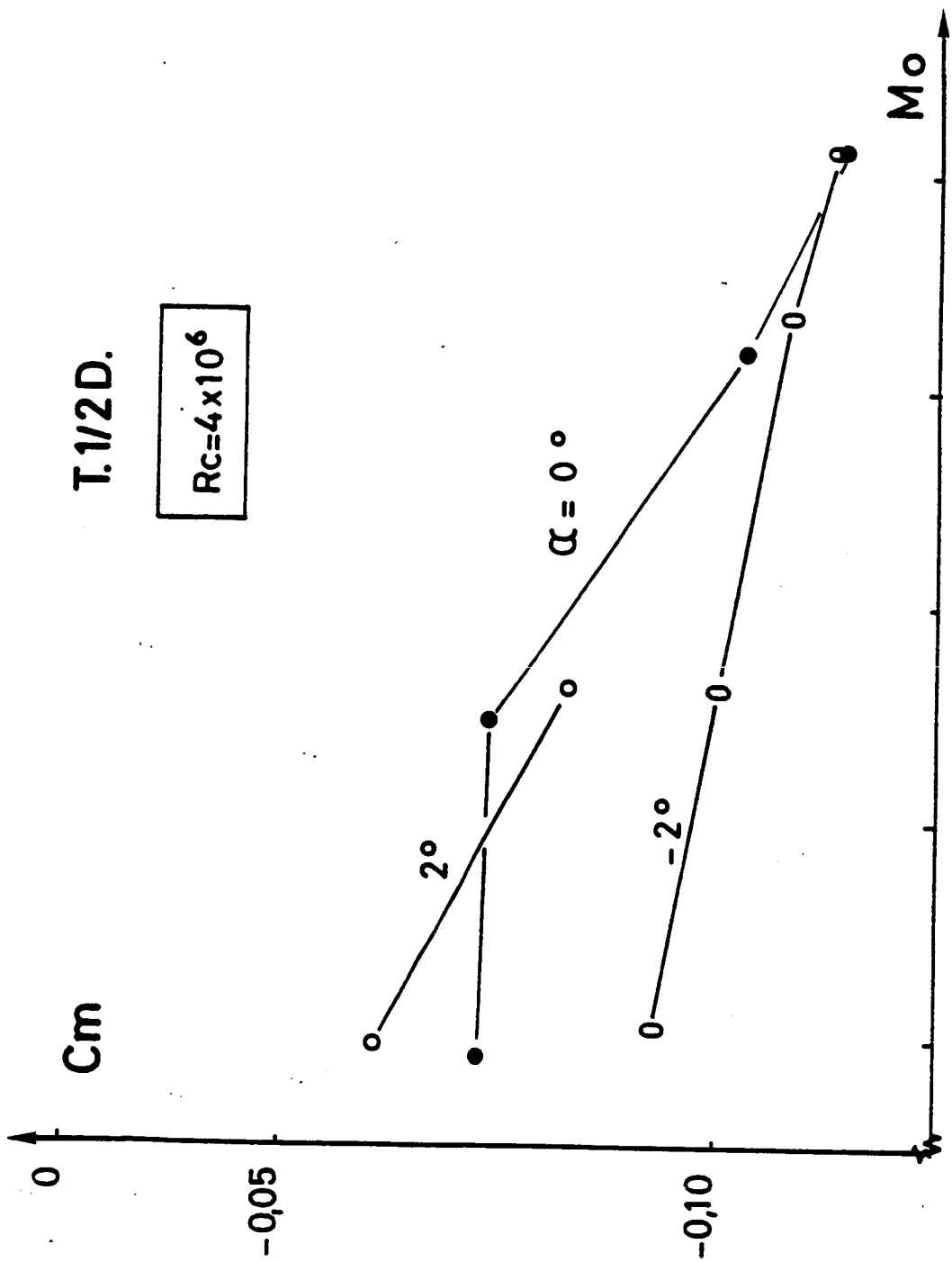
C_{xs}	(M_o)	PL. 41
C_z	(M_o)	PL. 42
C_m	(M_o)	PL. 43



COEFFICIENT DE TRAINEE C_{xs} $R_C = 4.\ 10^6$



COEFFICIENT DE PORTANCE C_z $R_c = 4.\ 10^6$



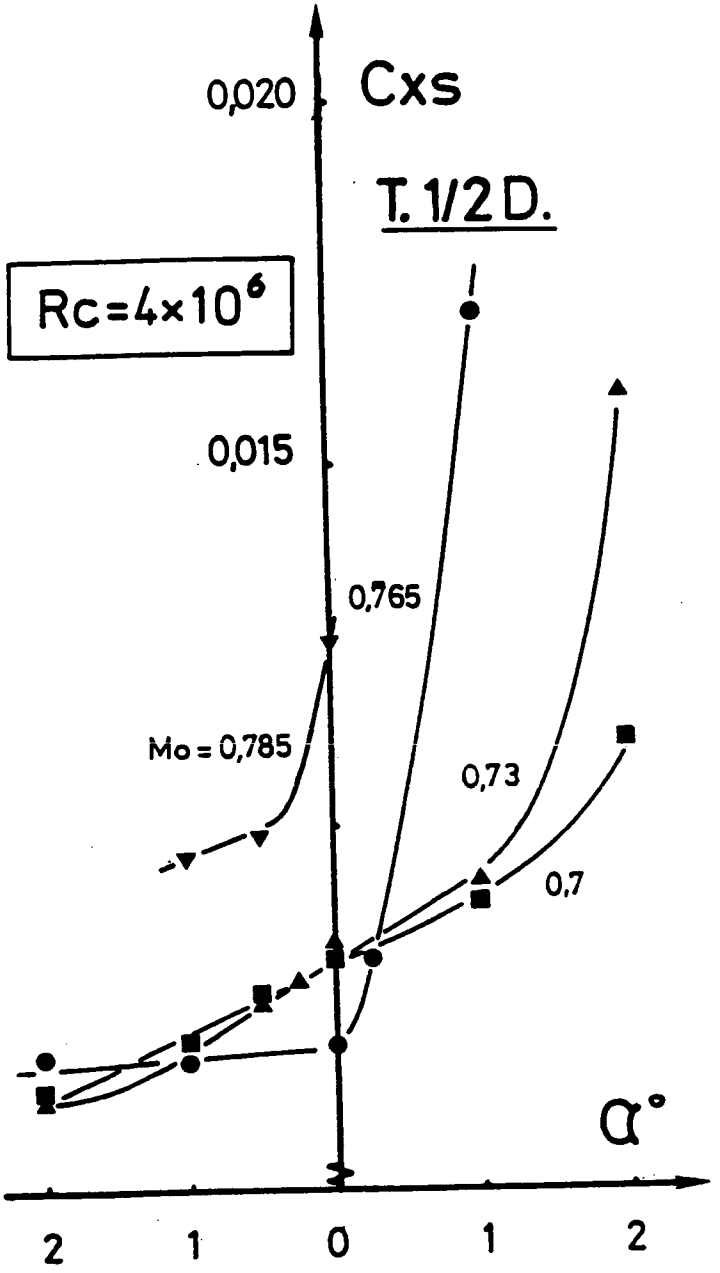
COEFFICIENT DE MOMENT DE TANGAGE C_m $R_c = 4 \times 10^6$

T. 1/2 D.

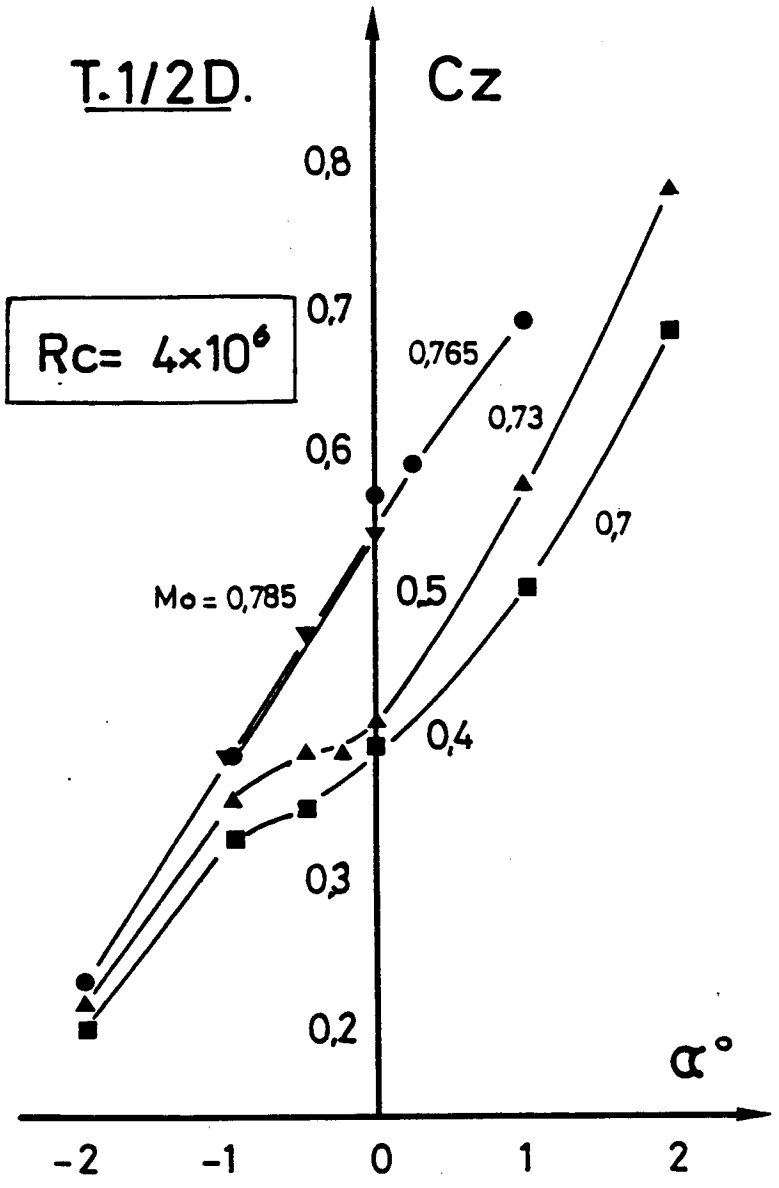
COEFFICIENTS AERODYNAMIQUE EN FONCTION DE L'INCIDENCE

$R_c = 4. 10^6$

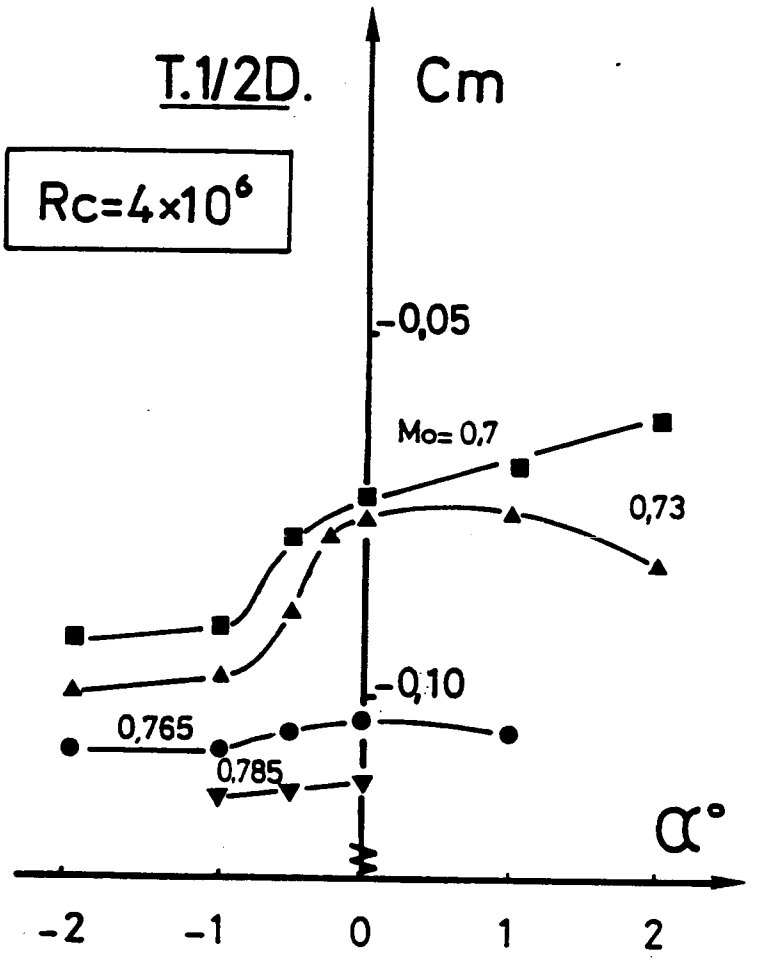
C_{xs} (α)	PL. 44
C_z (α)	PL. 45
C_m (α)	PL. 46
Polaire C_z (C_x)	PL. 47



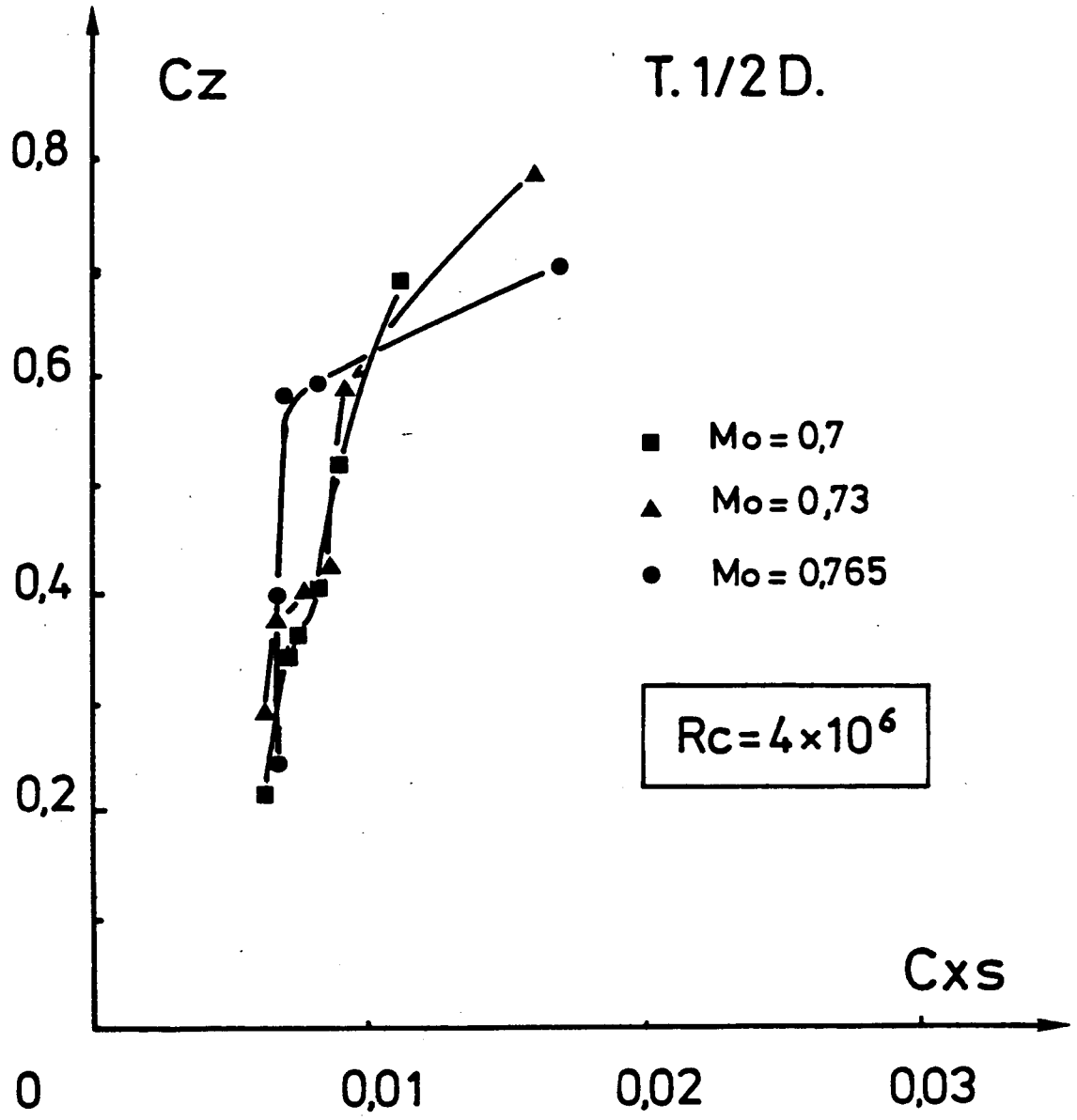
COEFFICIENT DE TRAINEE C_{xs} $R_c = 4 \times 10^6$



COEFFICIENT DE PORTANCE C_z $R_c = 4 \times 10^6$



COEFFICIENT DE MOMENT DE TANGAGE C_m $R_c = 4 \times 10^6$

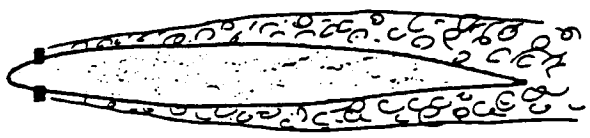


POLAIRE C_z (C_x) $R_c = 4 \times 10^6$

Page sans texte

ESSAIS EN TRANSITION DECLENCHEE

T.D.



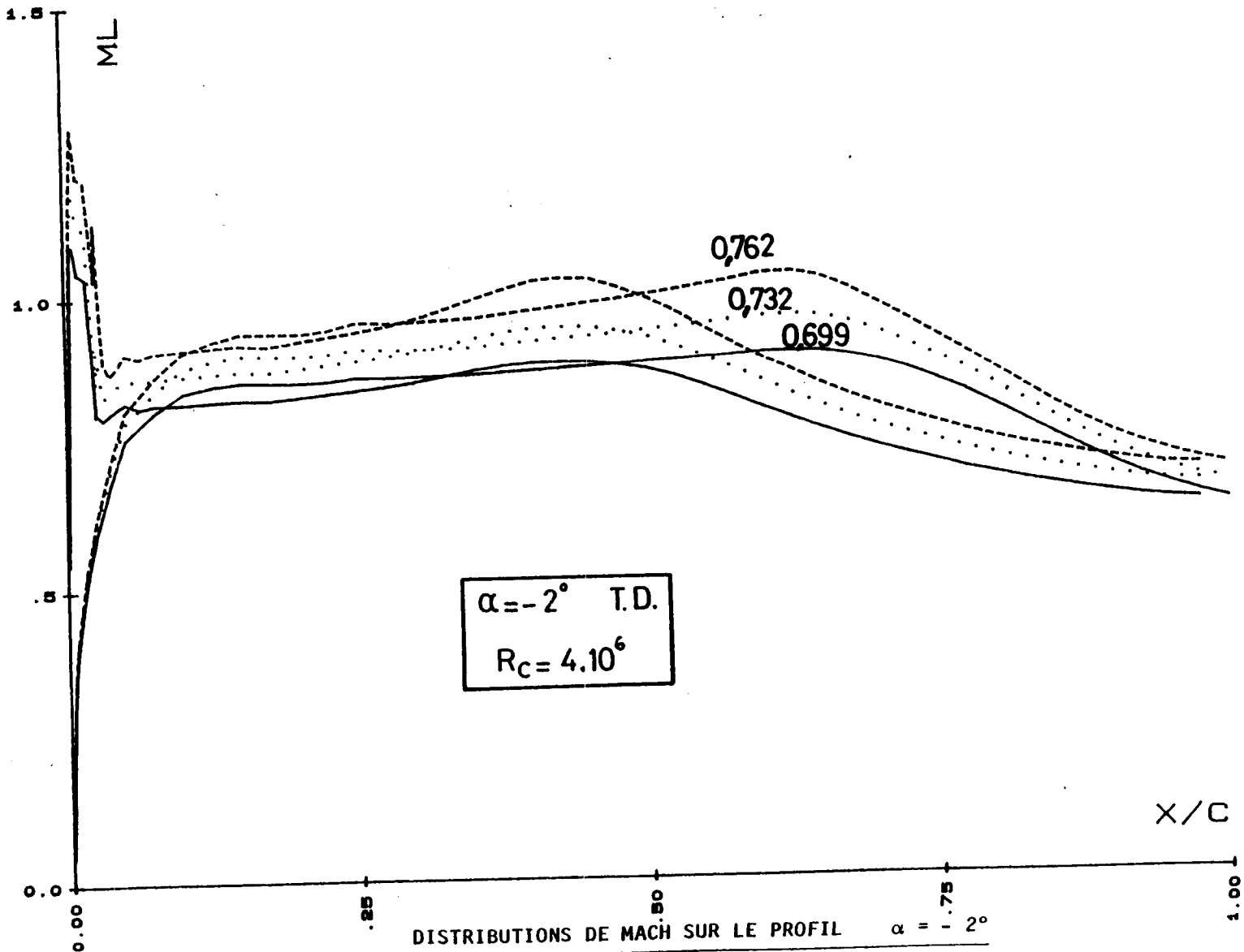
PLANCHES 48 à 92

T.D.

VARIATION DU NOMBRE DE MACH

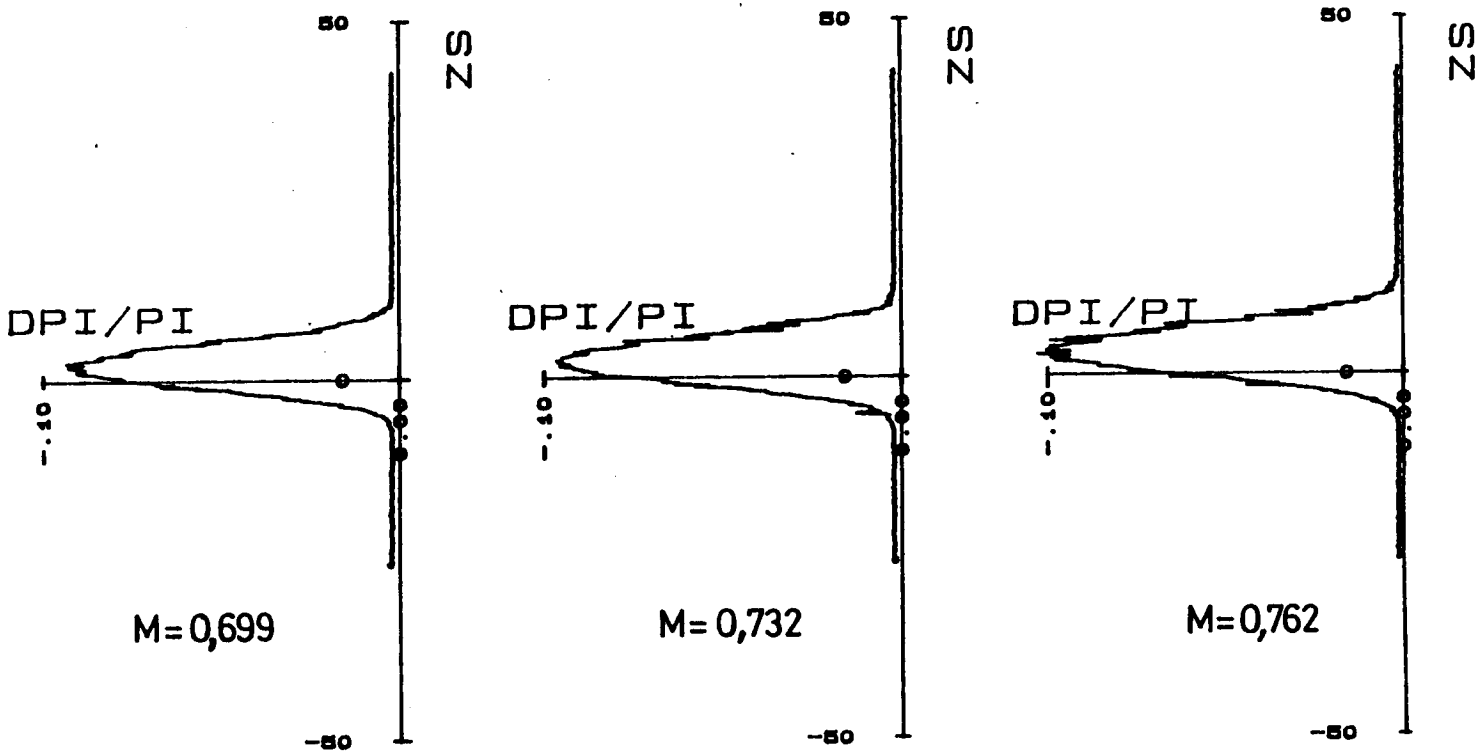
$R_c = 4.\ 10^6$

$\alpha = -\ 2°$	PL. 48 et 49
$\alpha = -\ 1°$	PL. 50 et 51
$\alpha = 0°$	PL. 52 et 53
$\alpha = +\ 0{,}25°$	PL. 54 et 55
$\alpha = +\ 1°$	PL. 56 et 57
$\alpha = +\ 2°$	PL. 58 et 59
$\alpha = +\ 3°$	PL. 60 et 61
$\alpha = +\ 4°$	PL. 62 et 63



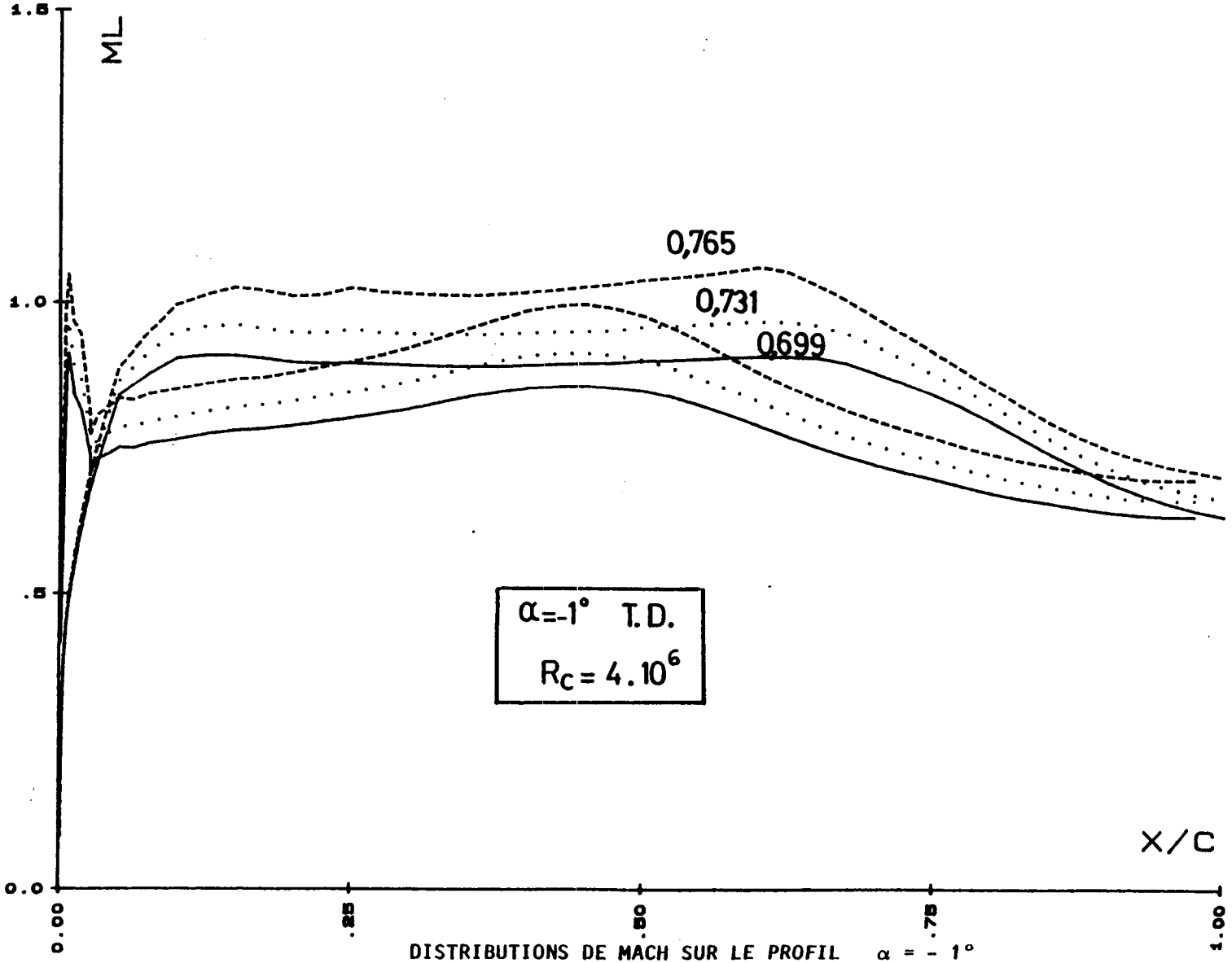
DISTRIBUTIONS DE MACH SUR LE PROFIL $\alpha = -2°$

PL. 48



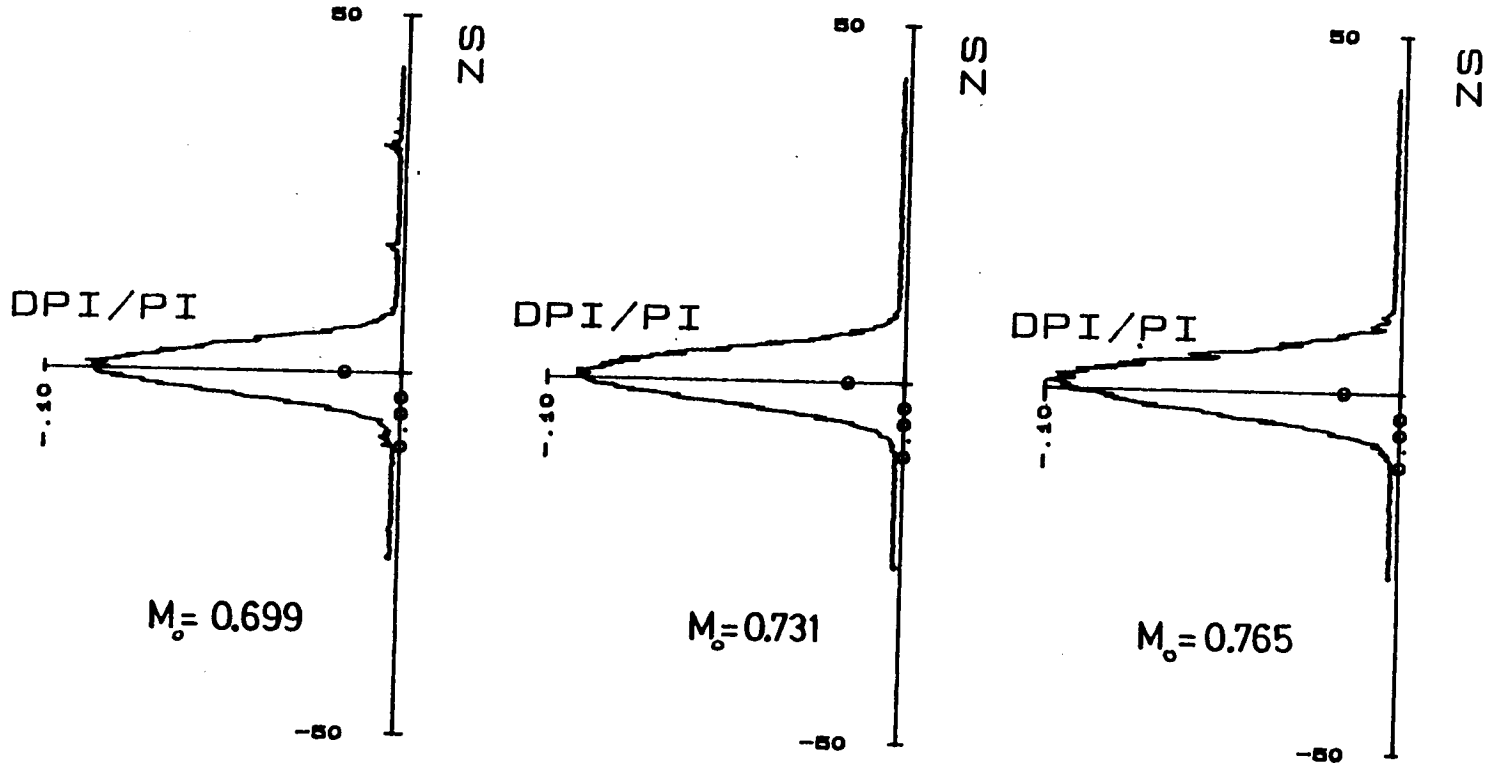
$\alpha = -2°$ Rc=4 10^6 T.D.

SONDAGES DES SILLAGES $\alpha = -2°$



DISTRIBUTIONS DE MACH SUR LE PROFIL $\alpha = -1°$

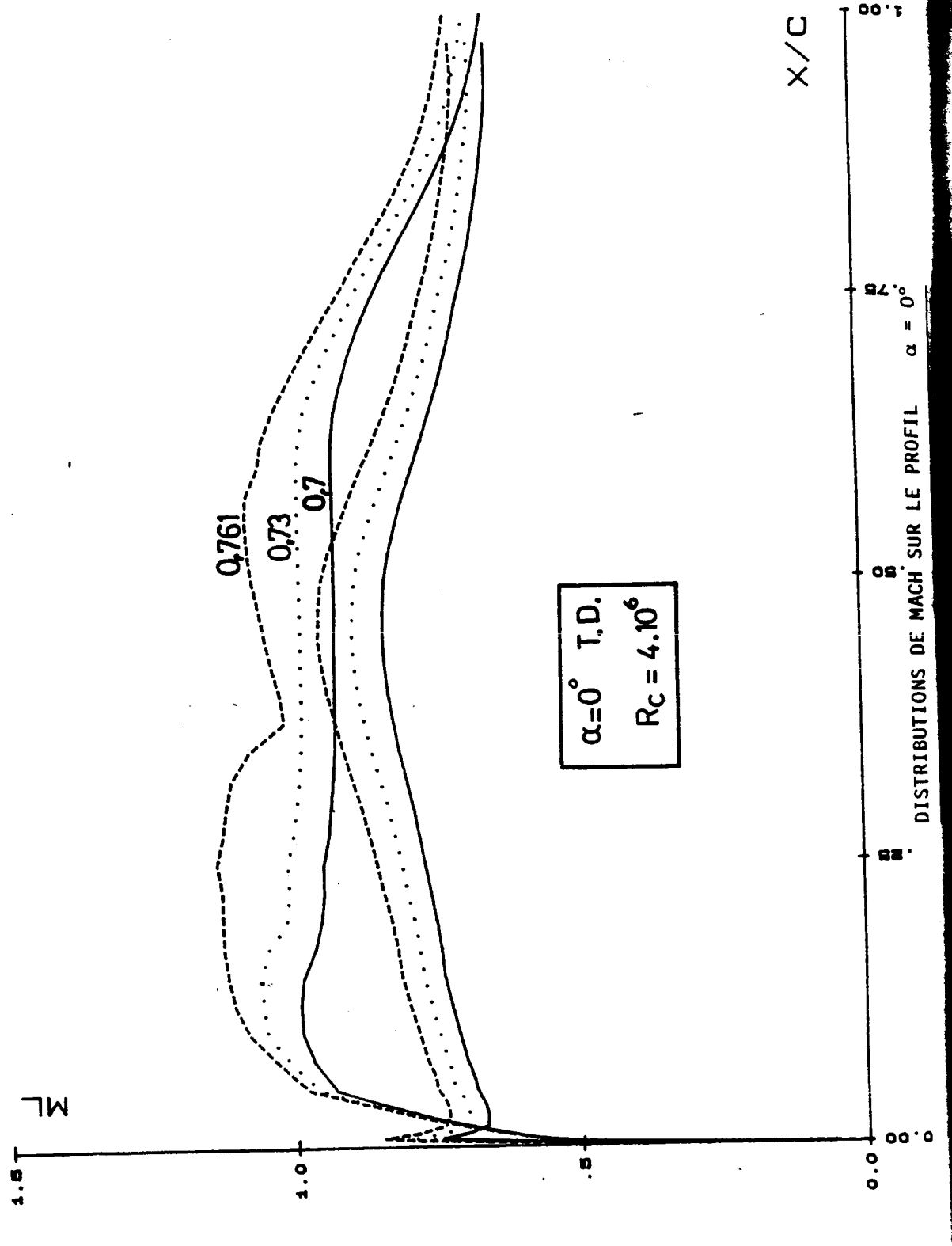
PL. 50

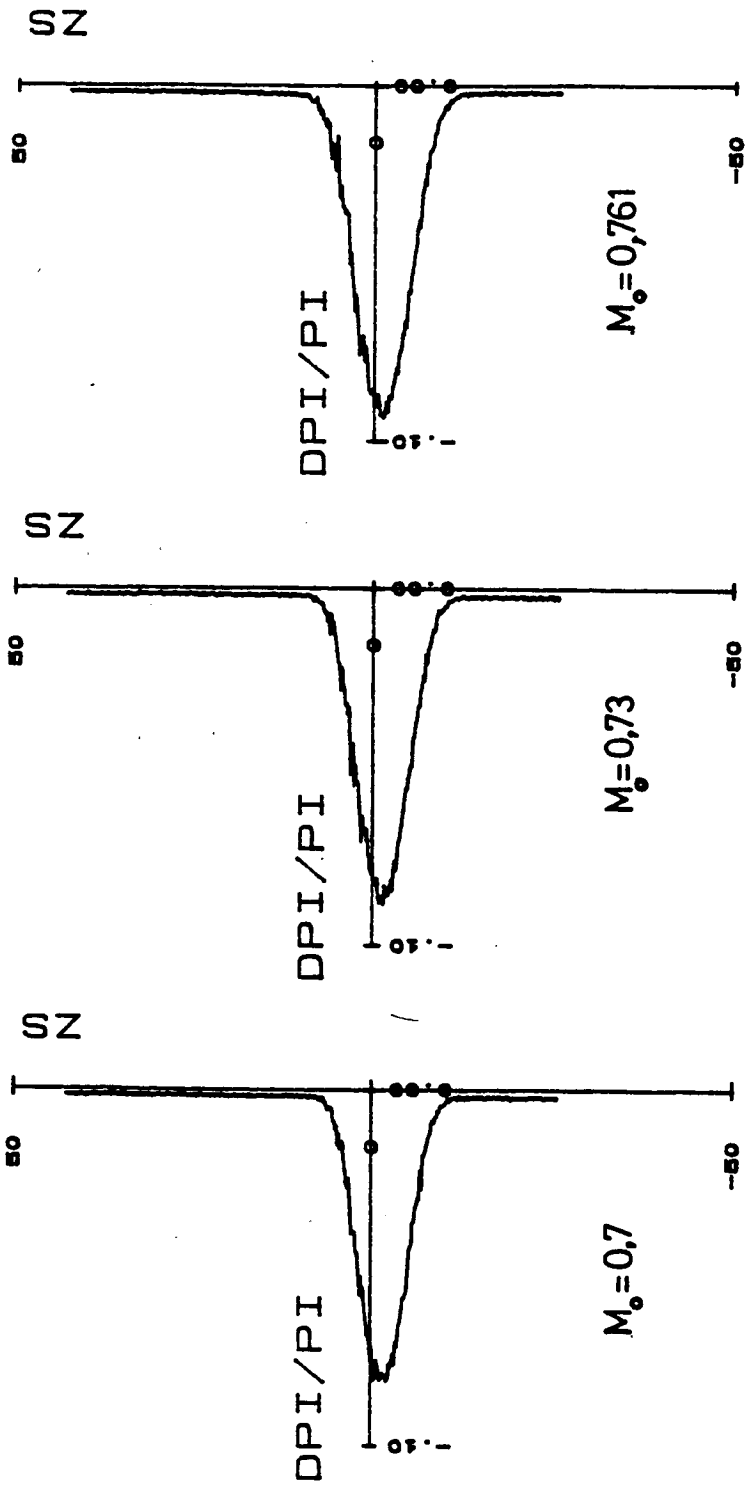


$\alpha = -1^\circ$ $Rc = 4.10^6$ T.D.

SONDAGES DES SILLAGES $\alpha = -1^\circ$

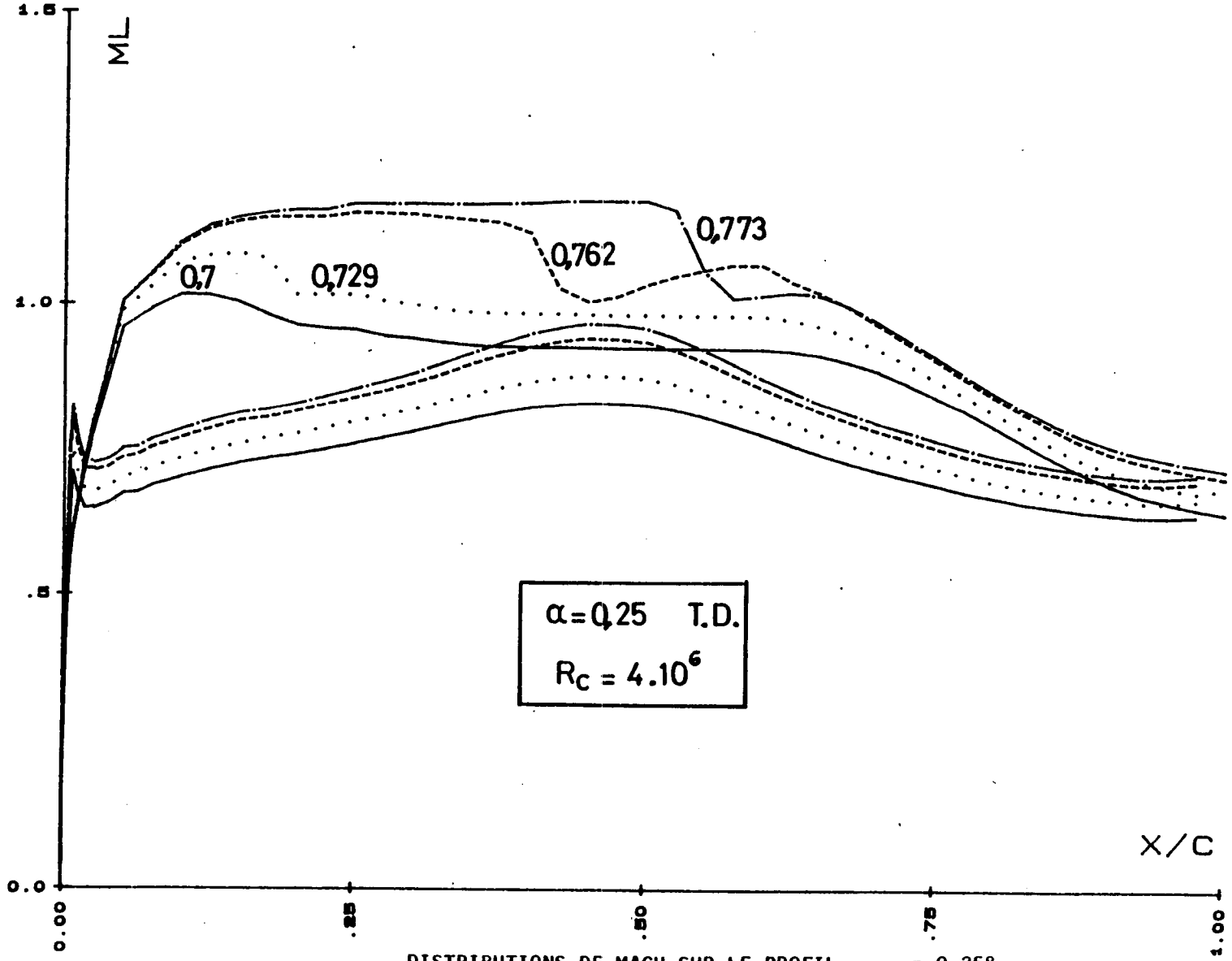
PL. 52


DISTRIBUTIONS DE MACH SUR LE PROFIL α = 0°
X/C
ML
0,761
0,73
0,7
α=0° T.D.
Rc = 4.10⁶
0.0
.5
1.0
1.5
.00
.25
.50
.75
1.00



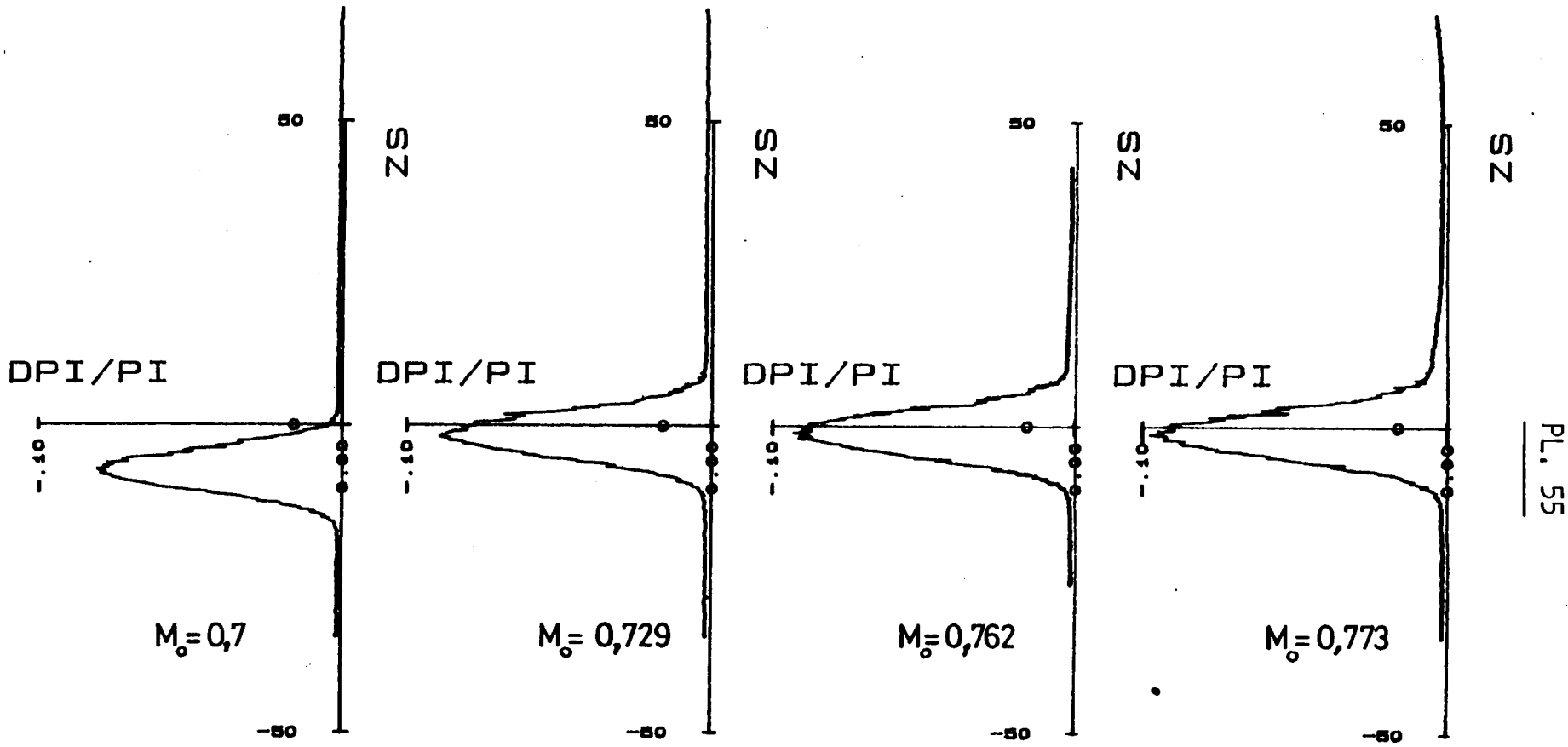
$\alpha = 0^\circ$ $Rc = 4.10^6$ T.D.

SONDAGES DES SILLAGES $\alpha = 0°$



DISTRIBUTIONS DE MACH SUR LE PROFIL $\alpha = 0,25°$

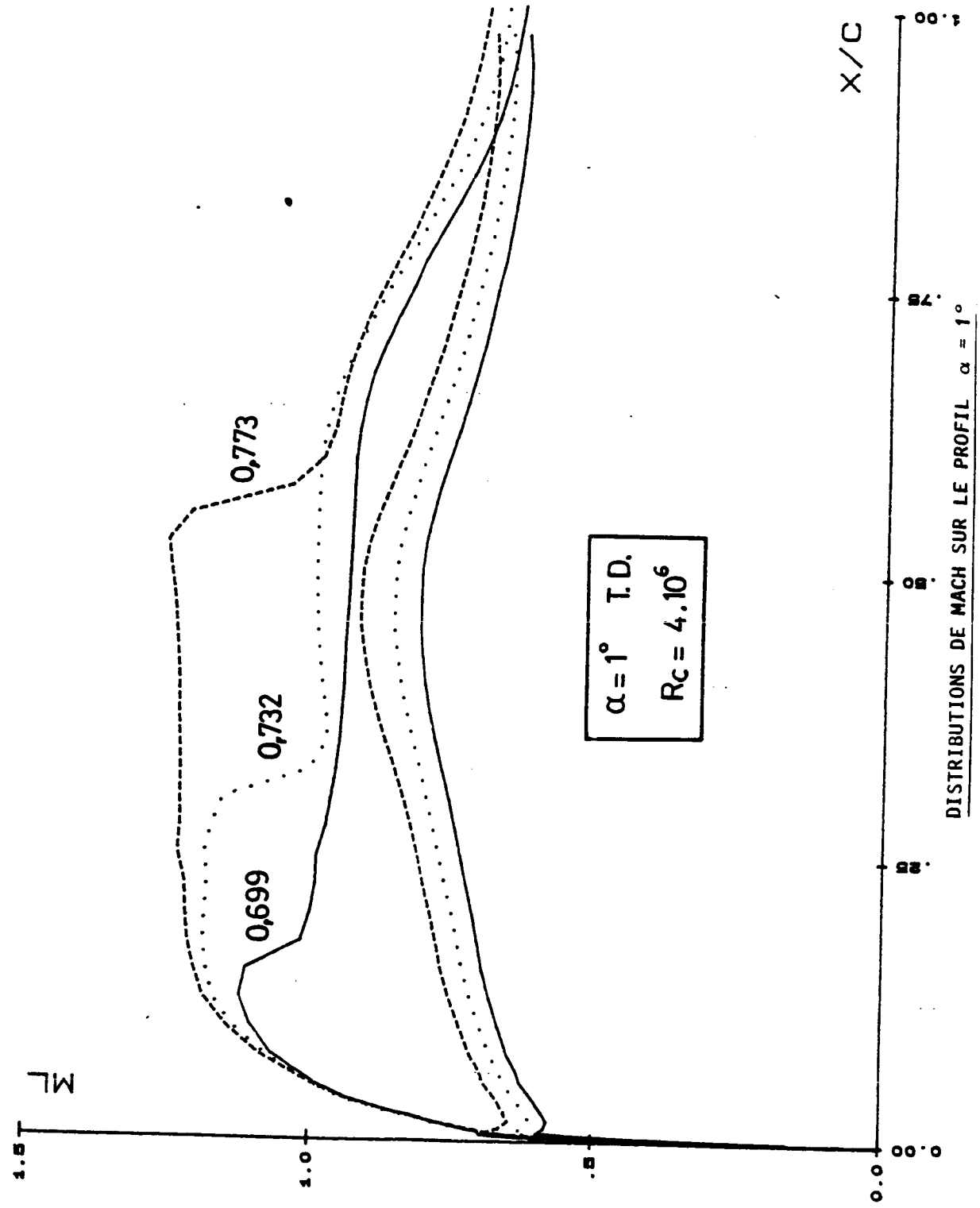
PL. 54



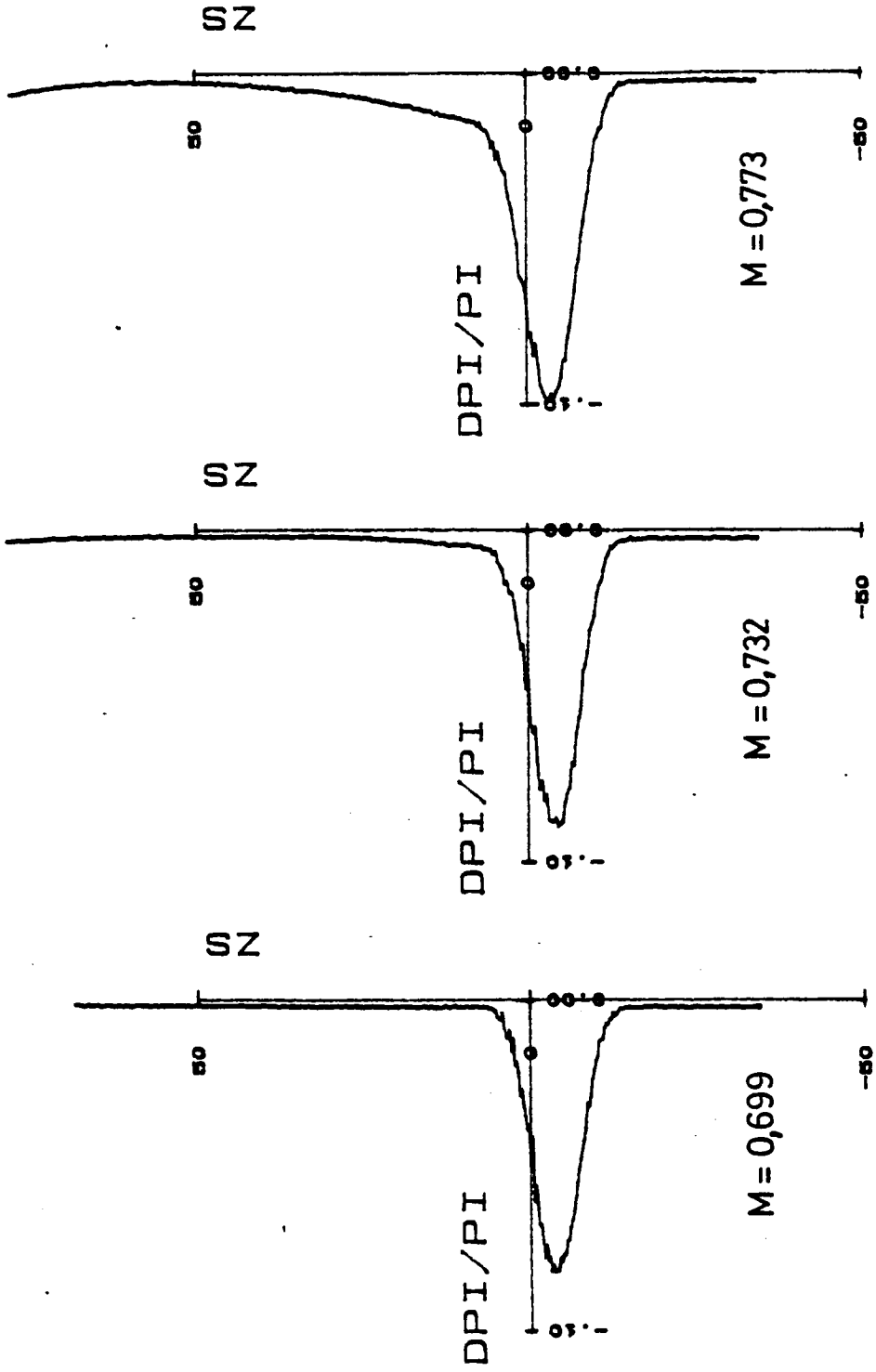
PL. 55

$\alpha = 0{,}25°$ $Rc = 4 . 10^6$ T.D.

SONDAGES DES SILLAGES $\alpha = 0{,}25°$

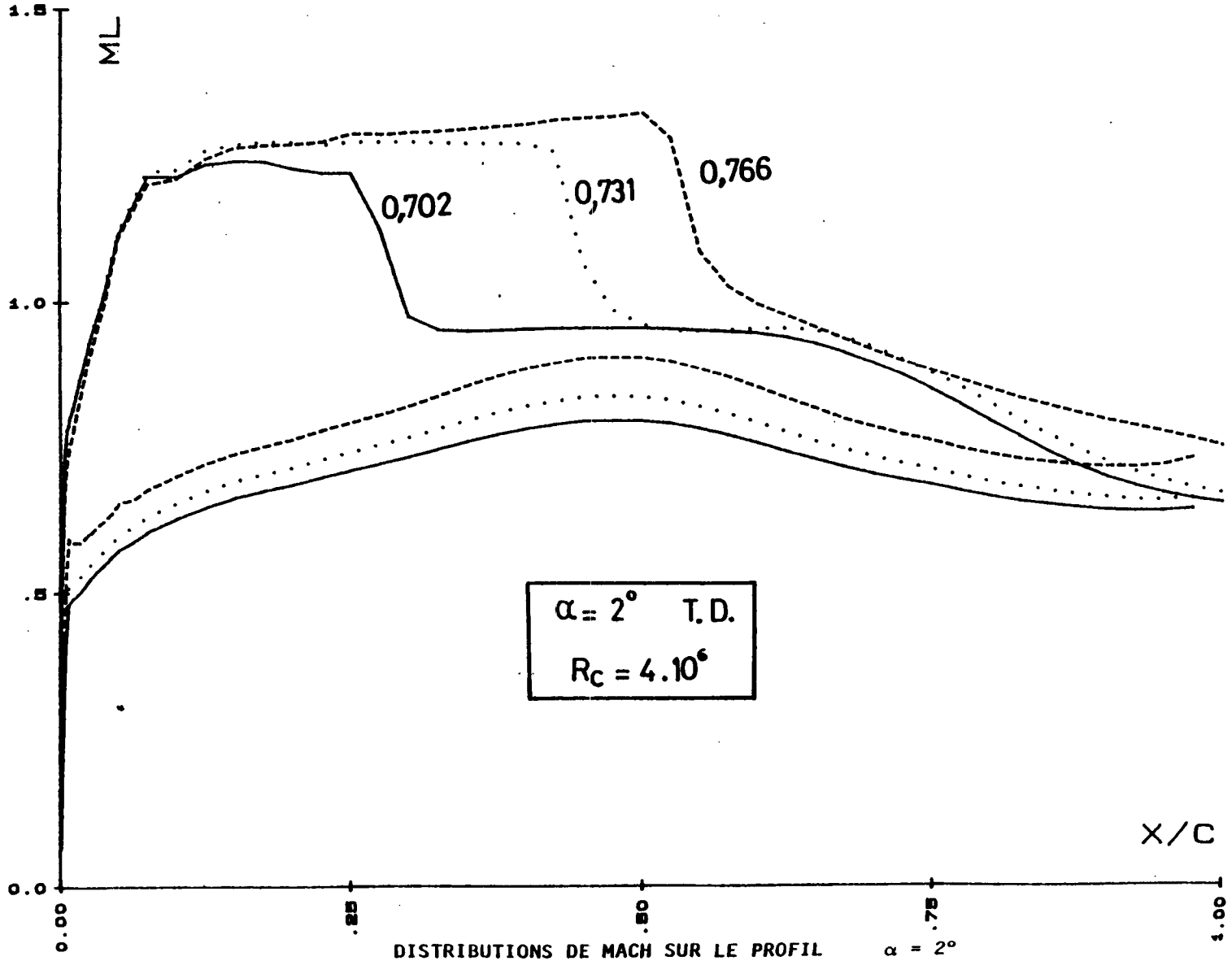


DISTRIBUTIONS DE MACH SUR LE PROFIL α = 1°



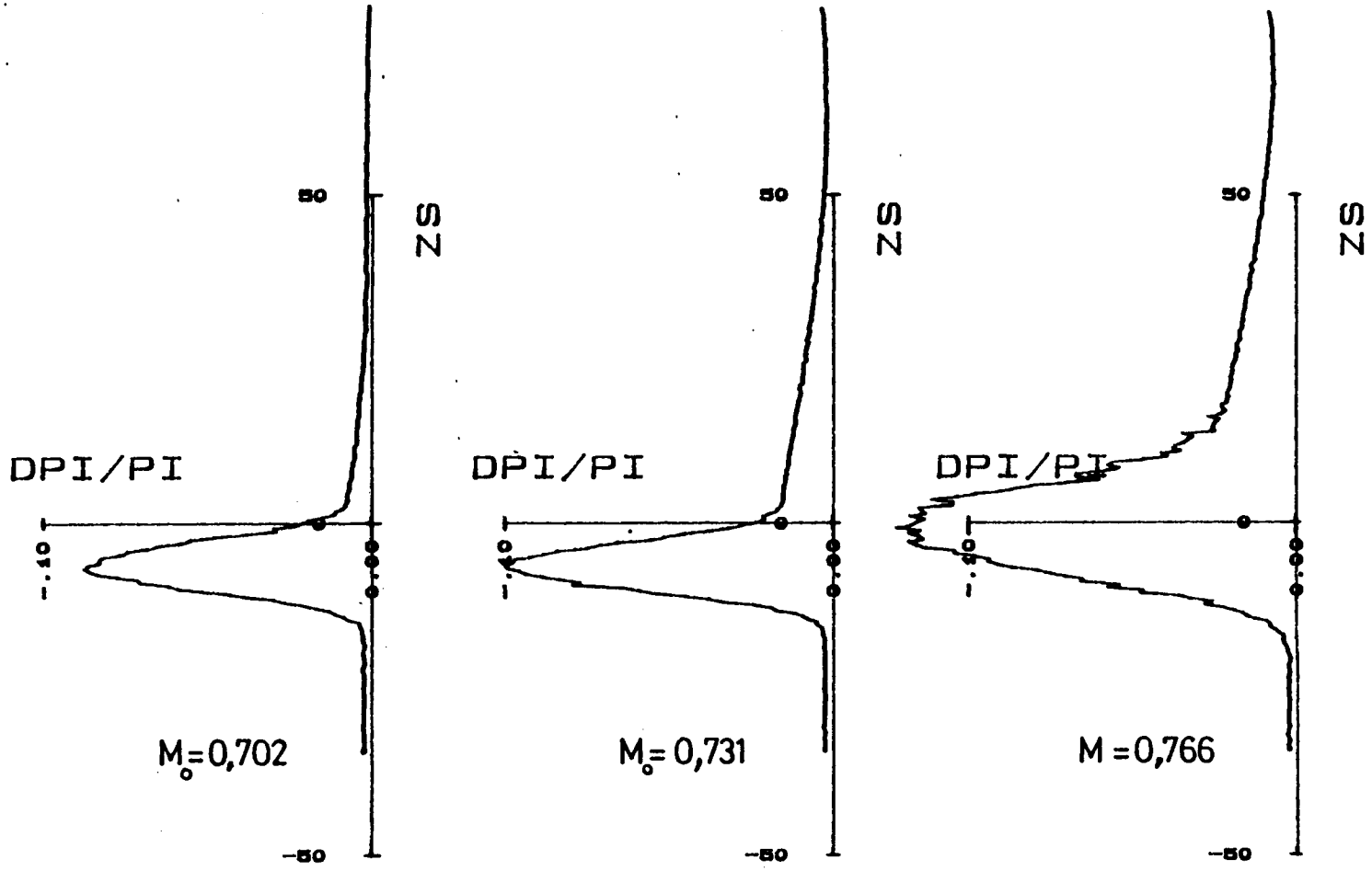
$\alpha = 1^\circ$ $Rc = 4.10^6$ T. D.

SONDAGES DES SILLAGES $\alpha = 1^\circ$



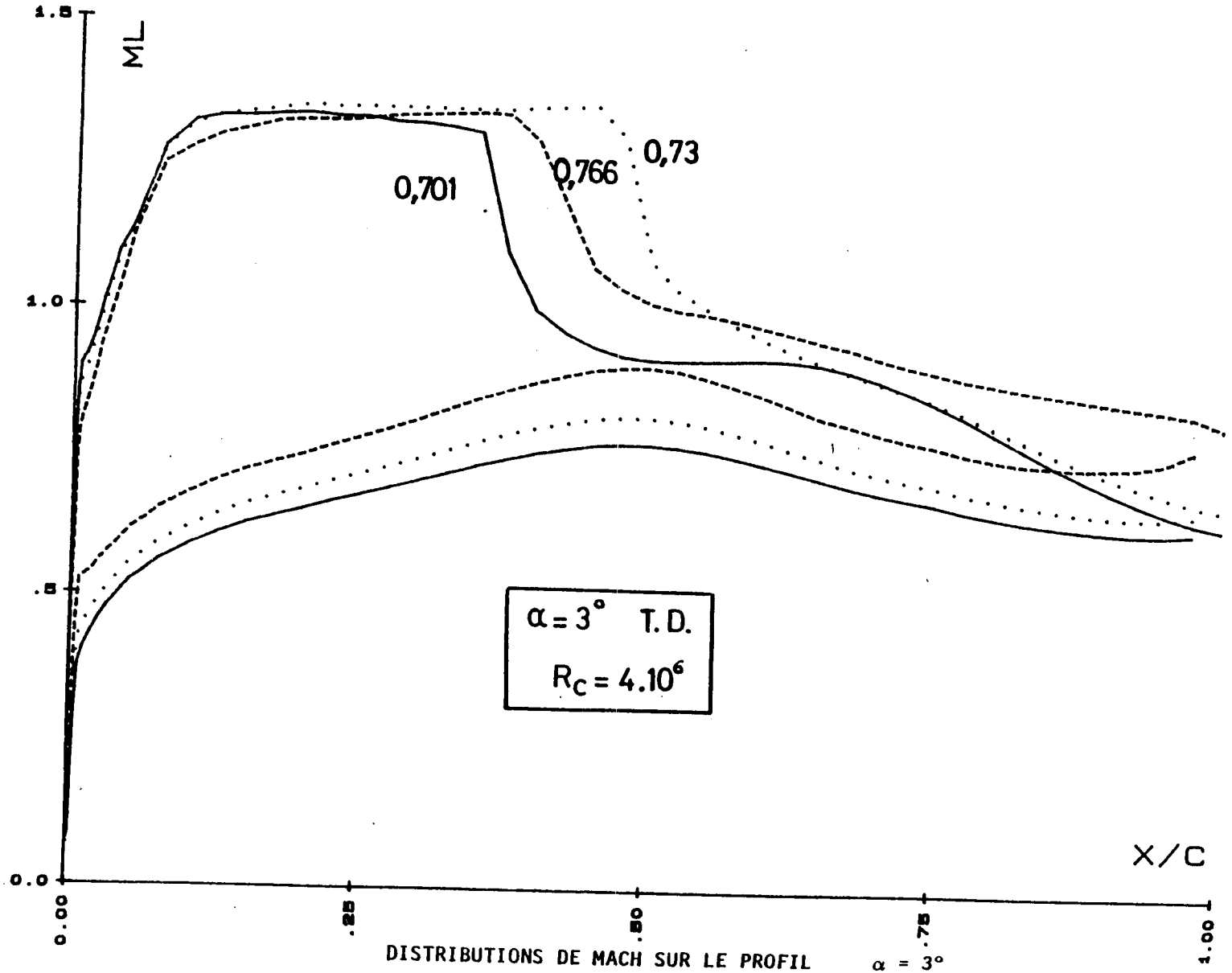
DISTRIBUTIONS DE MACH SUR LE PROFIL $\alpha = 2°$

PL. 58



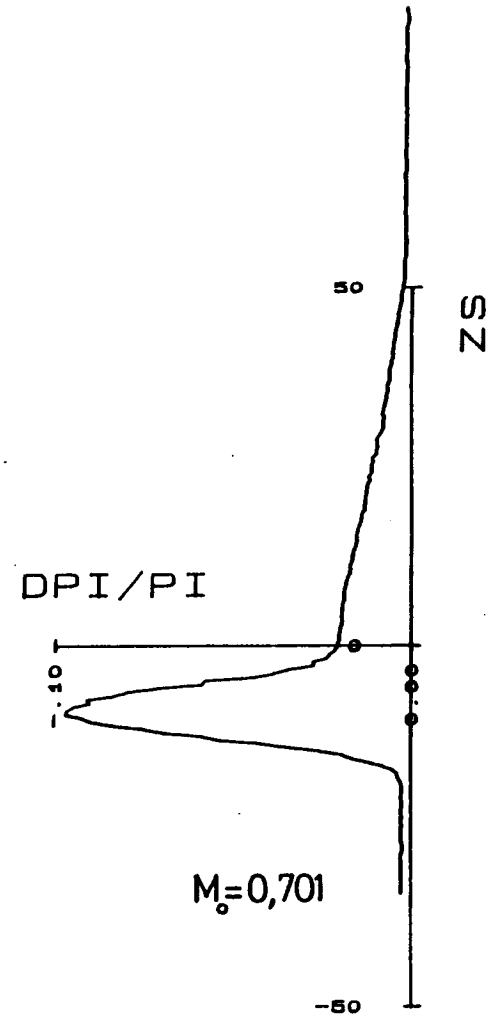
$\alpha = 2^\circ$	$Rc = 4.10^6$	T.D.

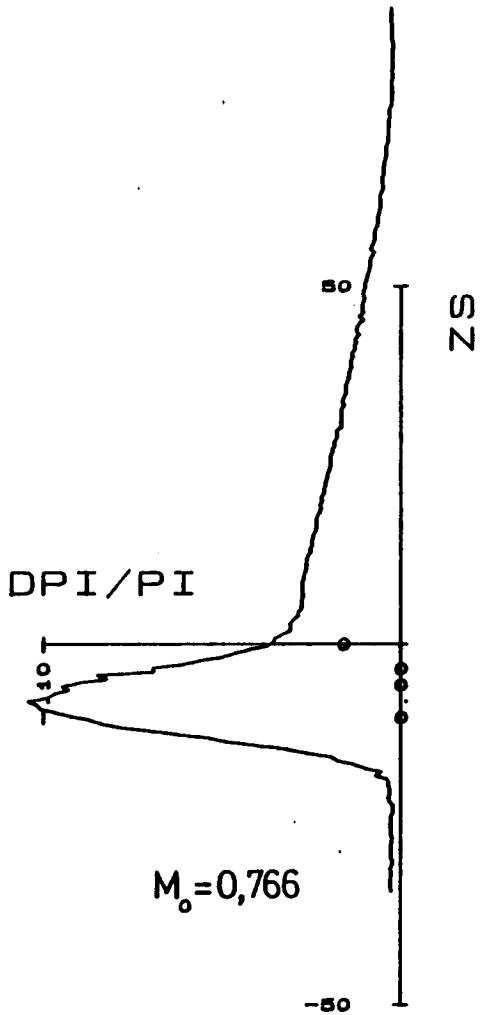
SONDAGES DES SILLAGES $\alpha = 2^\circ$

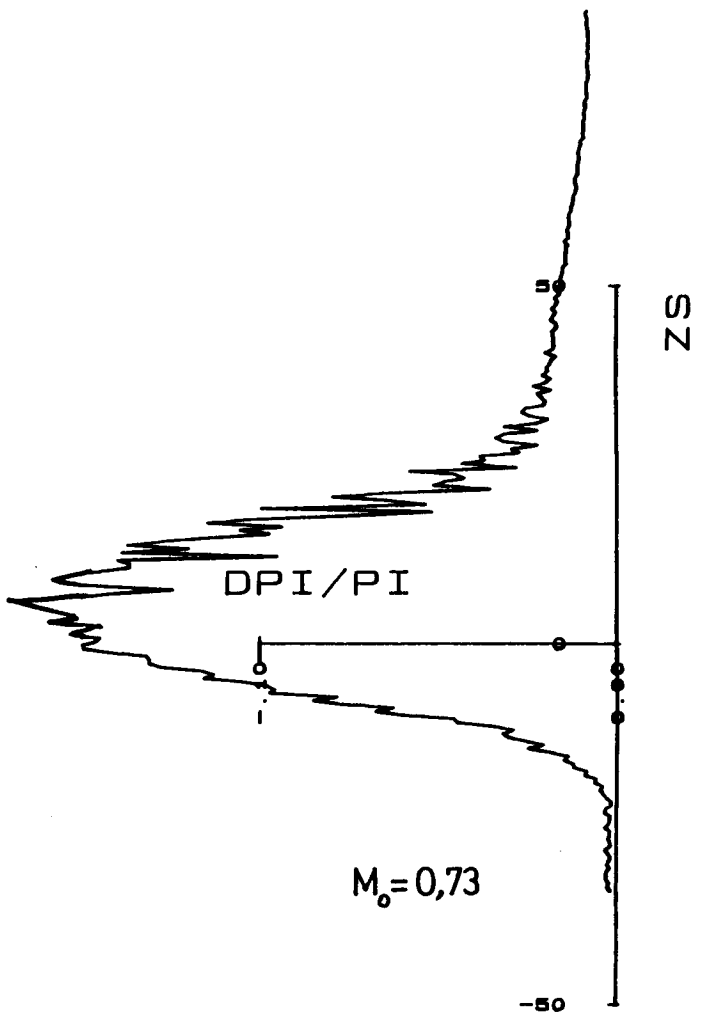


DISTRIBUTIONS DE MACH SUR LE PROFIL $\alpha = 3°$

PL. 60





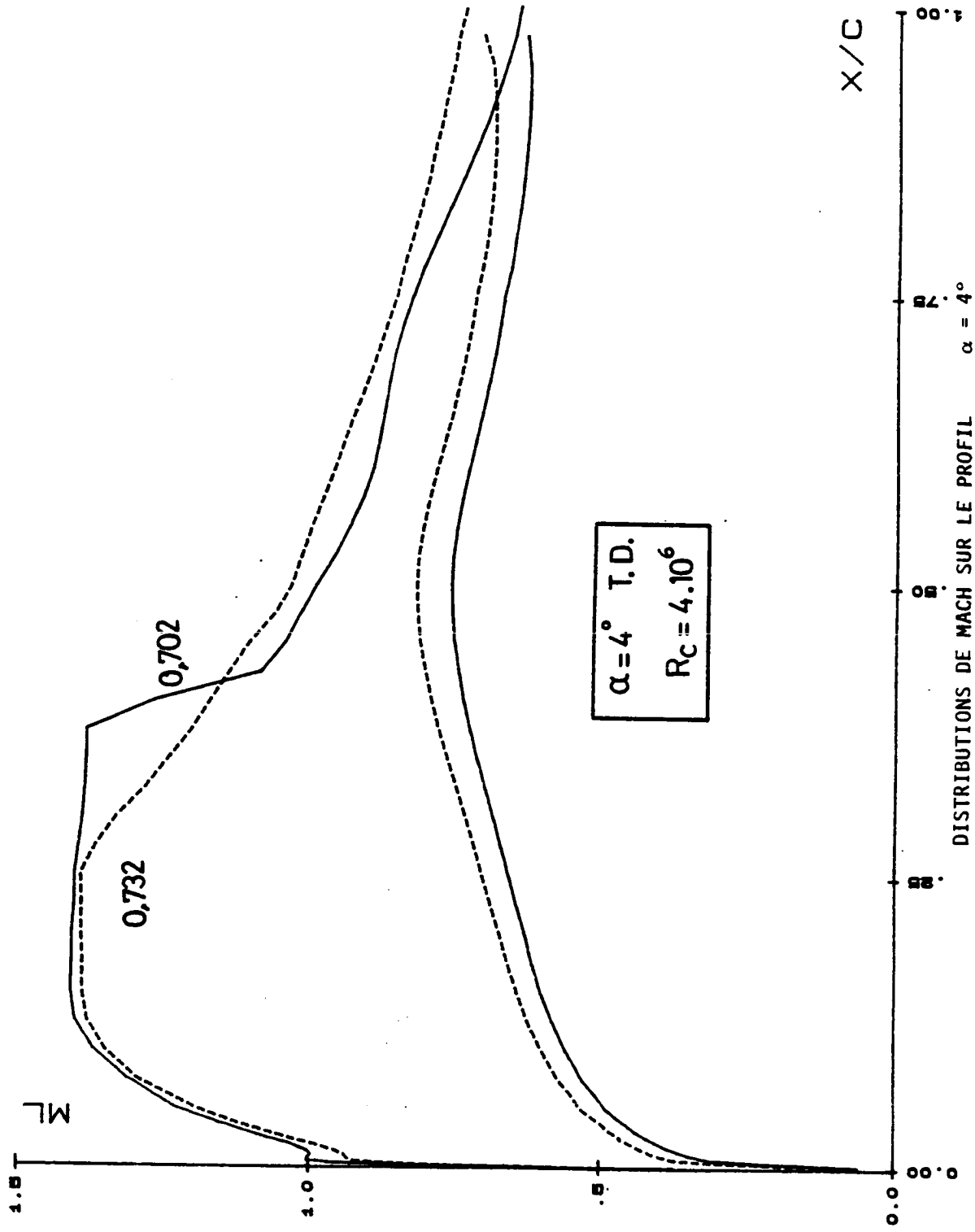


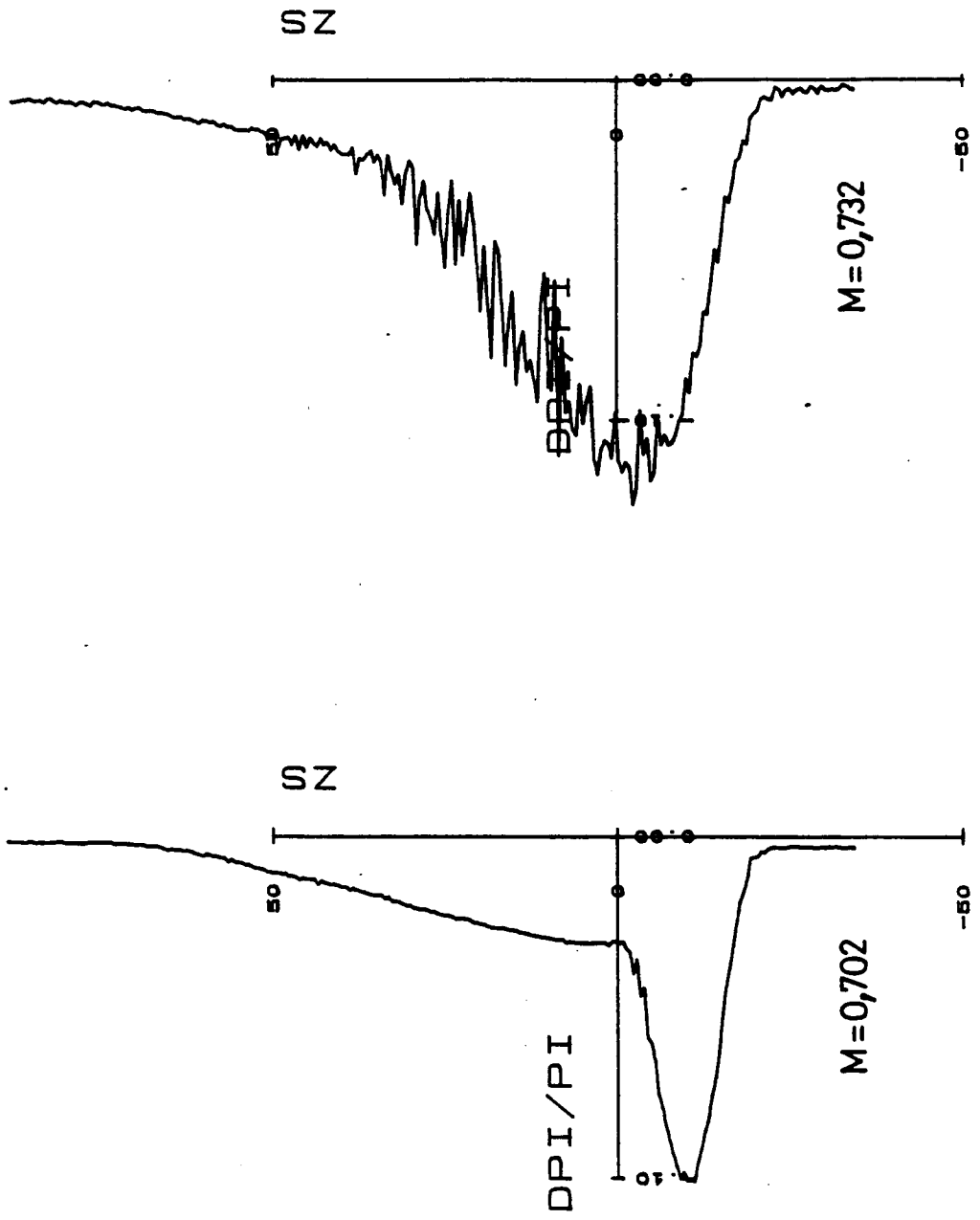
PL. 61

$\alpha = 3^\circ$ $Rc = 4.10^6$ T. D.

SONDAGES DES SILLAGES $\alpha = 3^\circ$

PL. 62


ML
1.5
1.0
.5
0.0
.00
.28
.56
.78
1.00
X/C
0,702
0,732
α=4° T.D.
Rc=4.10⁶
DISTRIBUTIONS DE MACH SUR LE PROFIL α = 4°



$\alpha = 4°$ $Rc = 4.10^6$ T.D.

SONDAGES DES SILLAGES $\alpha = 4°$

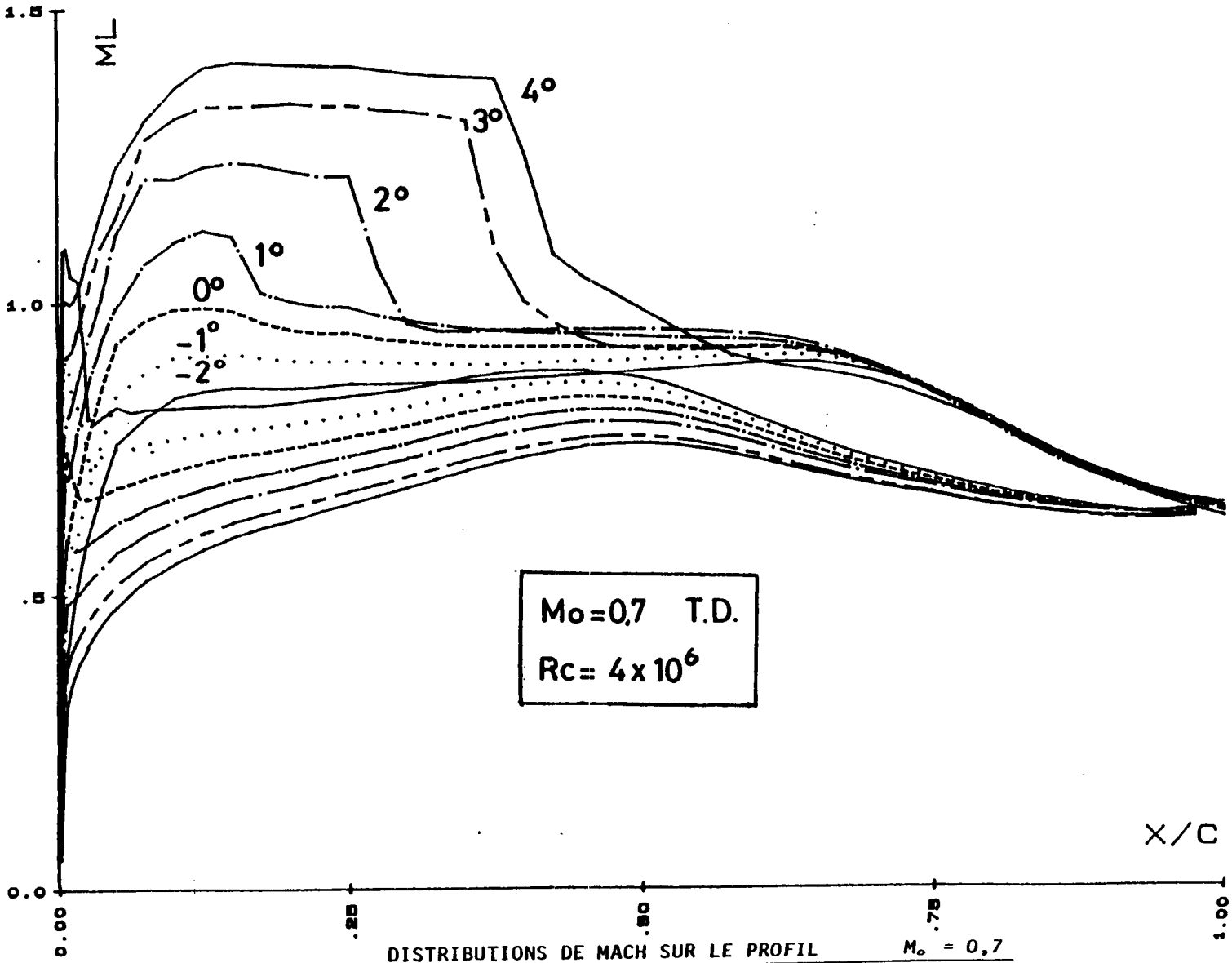
C - 2

T.D.

VARIATION D'INCIDENCE

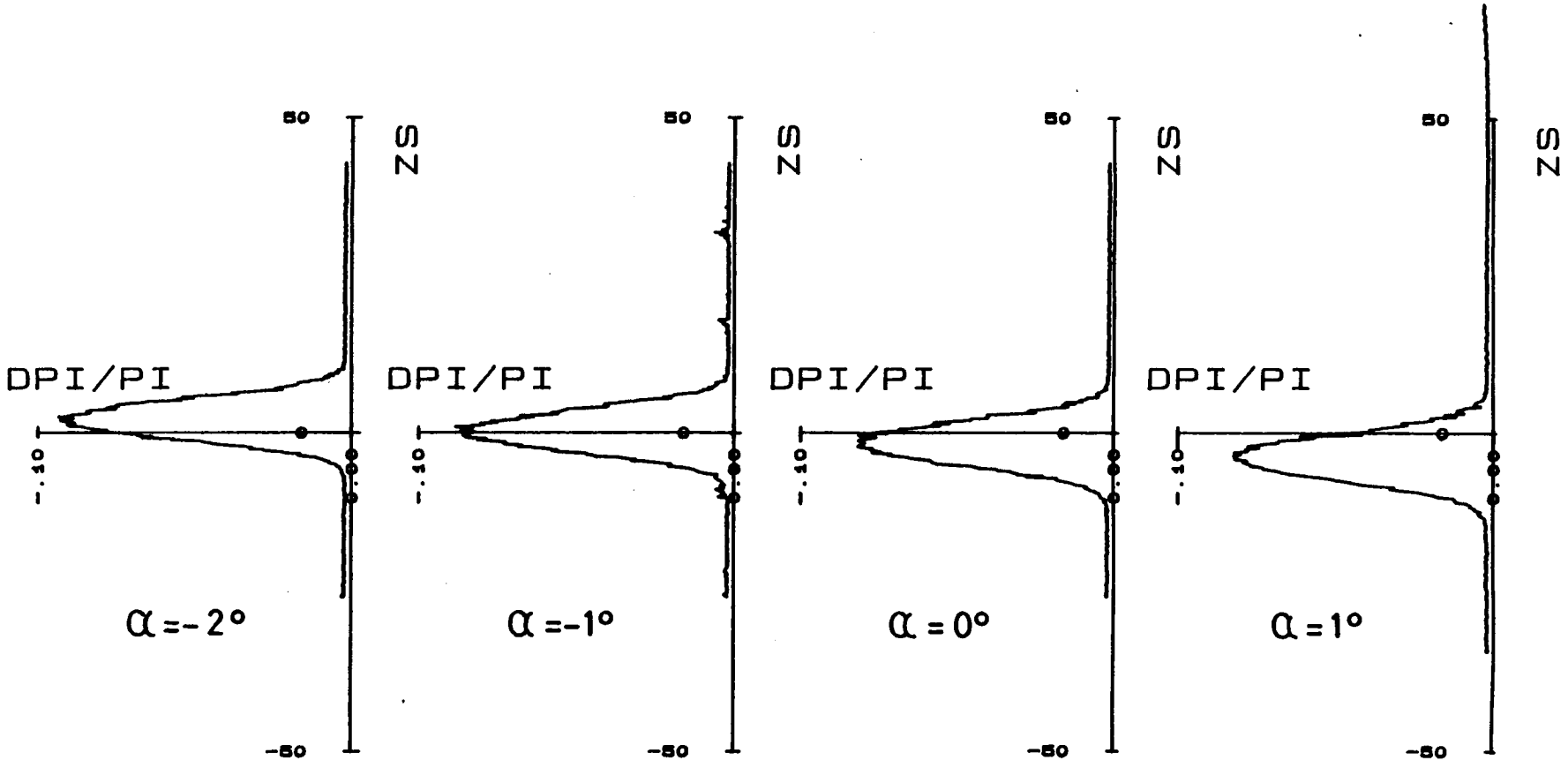
$R_C = 4.\ 10^6$

$M_o = 0,7$	PL. 64 à 66
$M_o = 0,73$	PL. 67 à 69
$M_o = 0,765$	PL. 70 et 71



DISTRIBUTIONS DE MACH SUR LE PROFIL $M_o = 0,7$

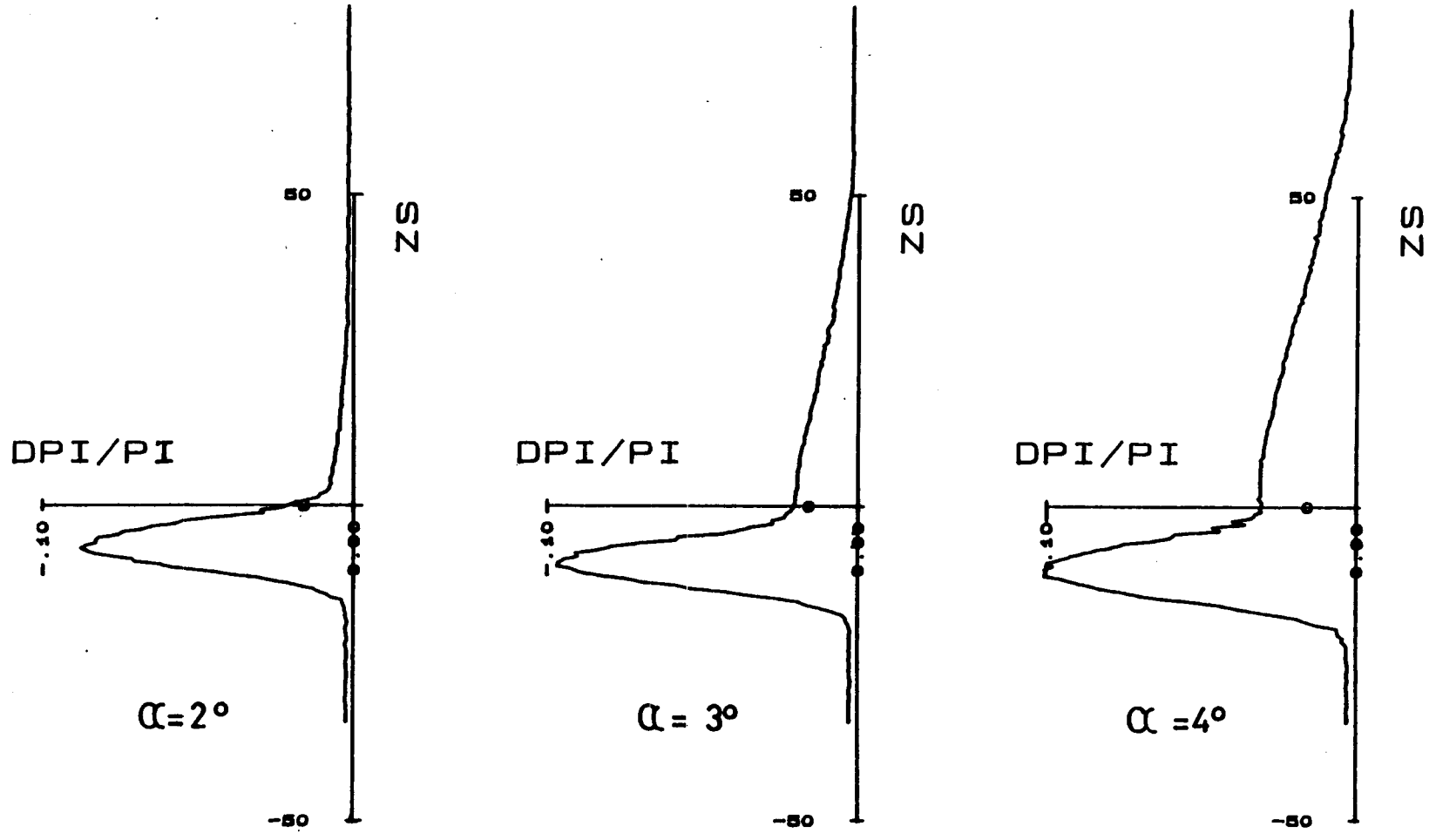
PL. 64



PL. 65

Mo= 0,7	Rc= 4×10^6	T.D.

SONDAGES DES SILLAGES $M_o = 0,7$

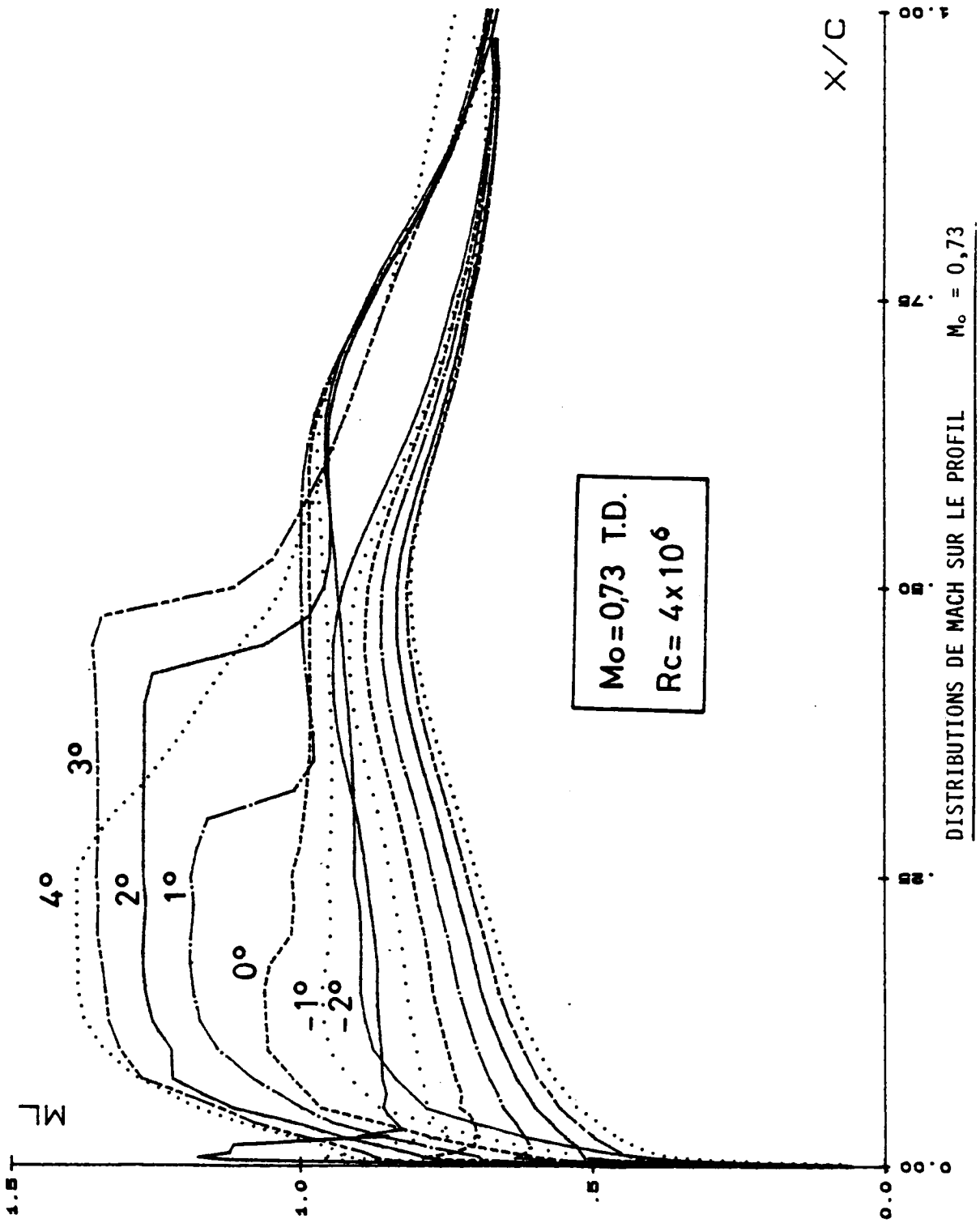


PL. 66

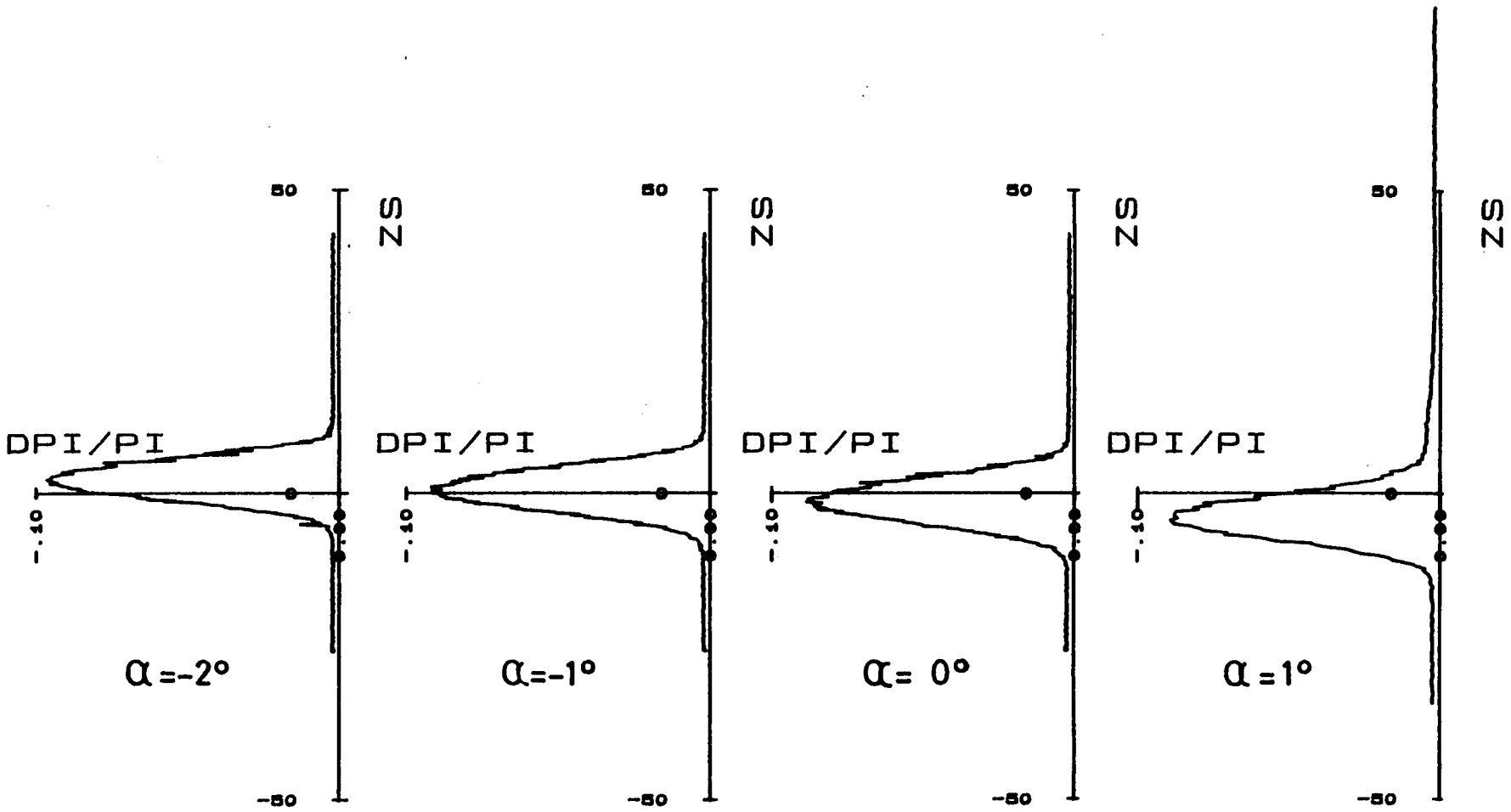
Mo=0,7	Rc= 4×10^6	T.D.

SONDAGES DES SILLAGES (suite) $M_o = 0,7$

PL. 67



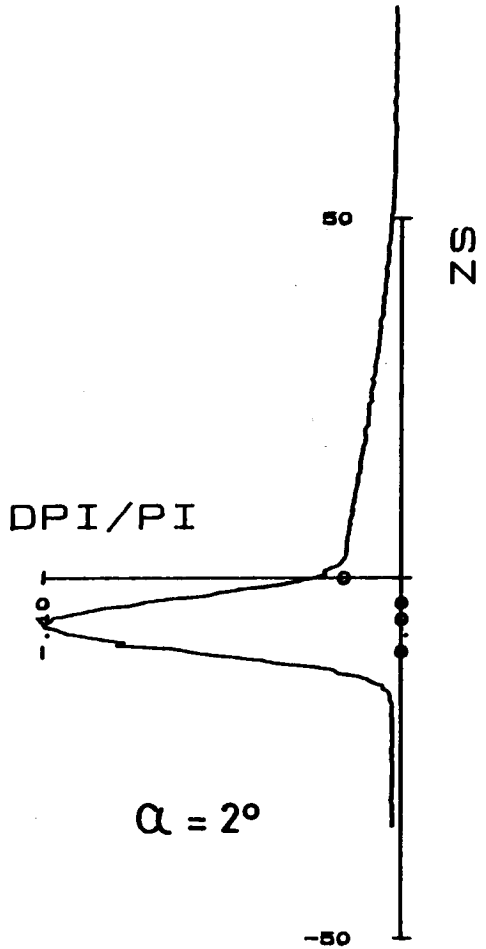
DISTRIBUTIONS DE MACH SUR LE PROFIL $M_o = 0,73$

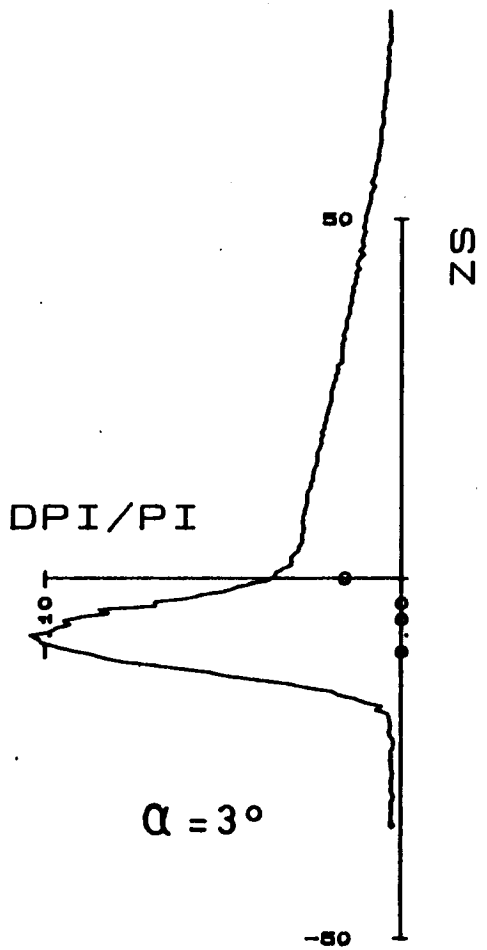


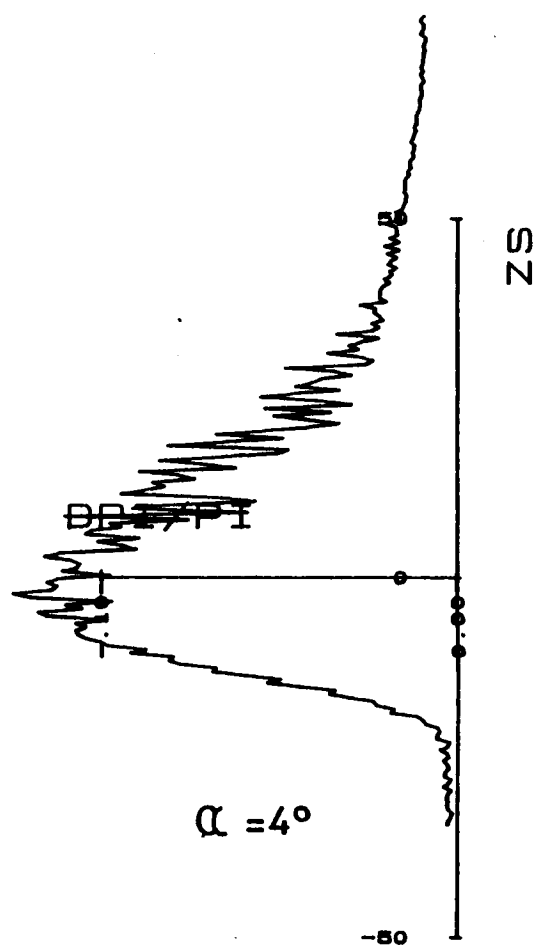
PL. 68

Mo= 0,73	Rc= 4×10^6	T.D.

SONDAGES DES SILLAGES M_o = 0,73



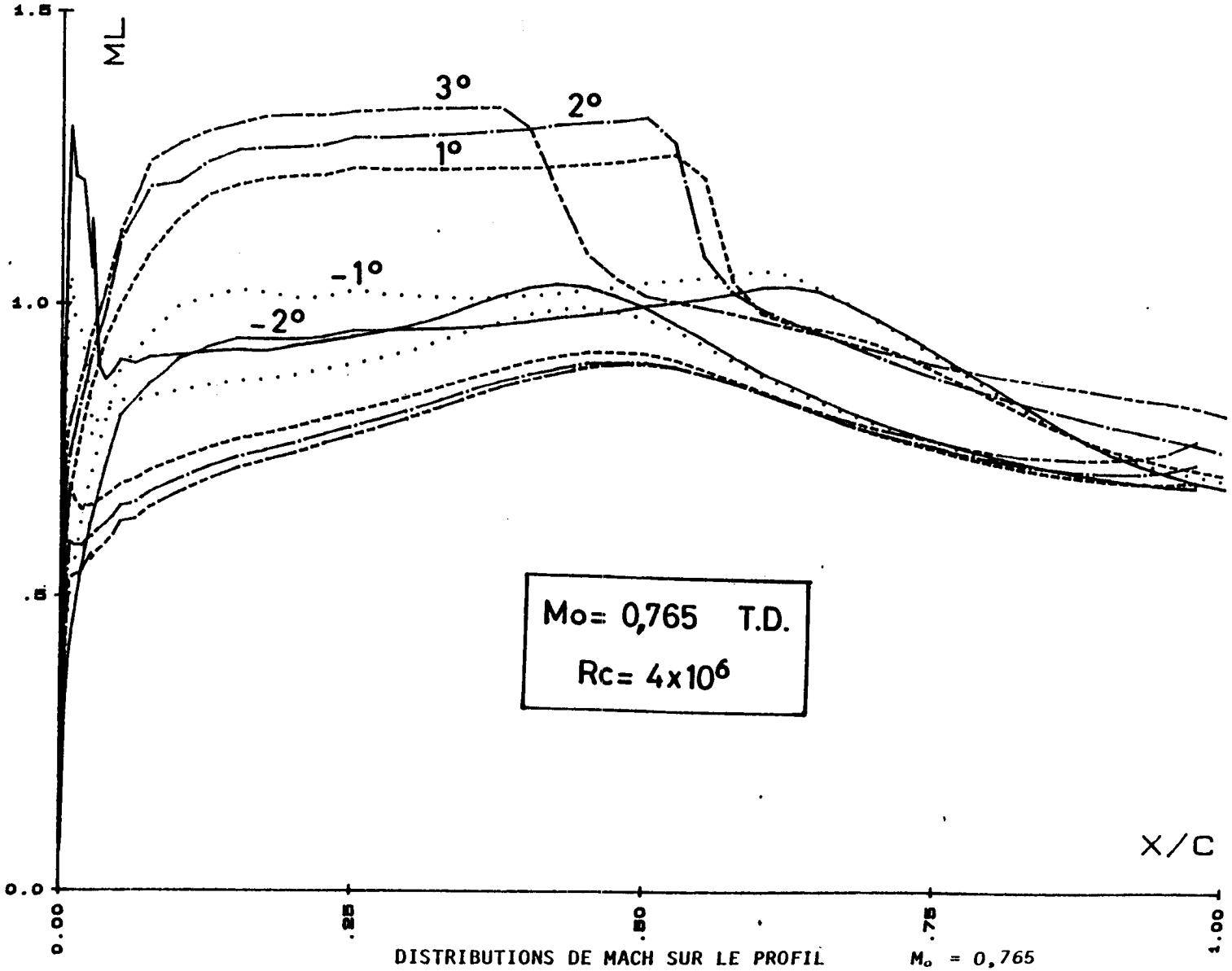




PL. 69

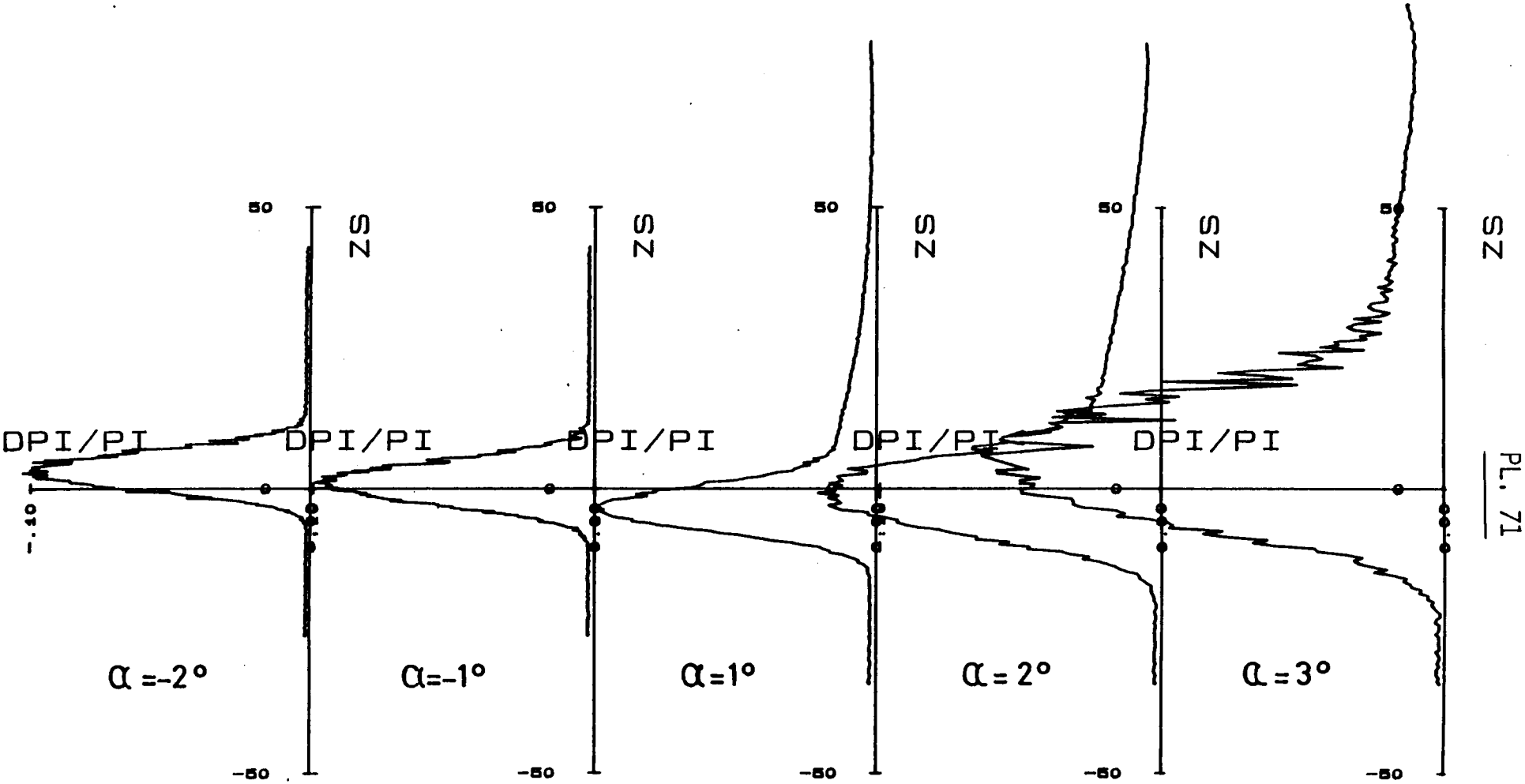
Mo= 0,73	Rc=4x10⁶	T.D.

SONDAGES DES SILLAGES (suite) M_o = 0,73



DISTRIBUTIONS DE MACH SUR LE PROFIL $M_o = 0,765$

PL. 70



PL. 71

Mo= 0,765	Rc=4x10^6	T.D.

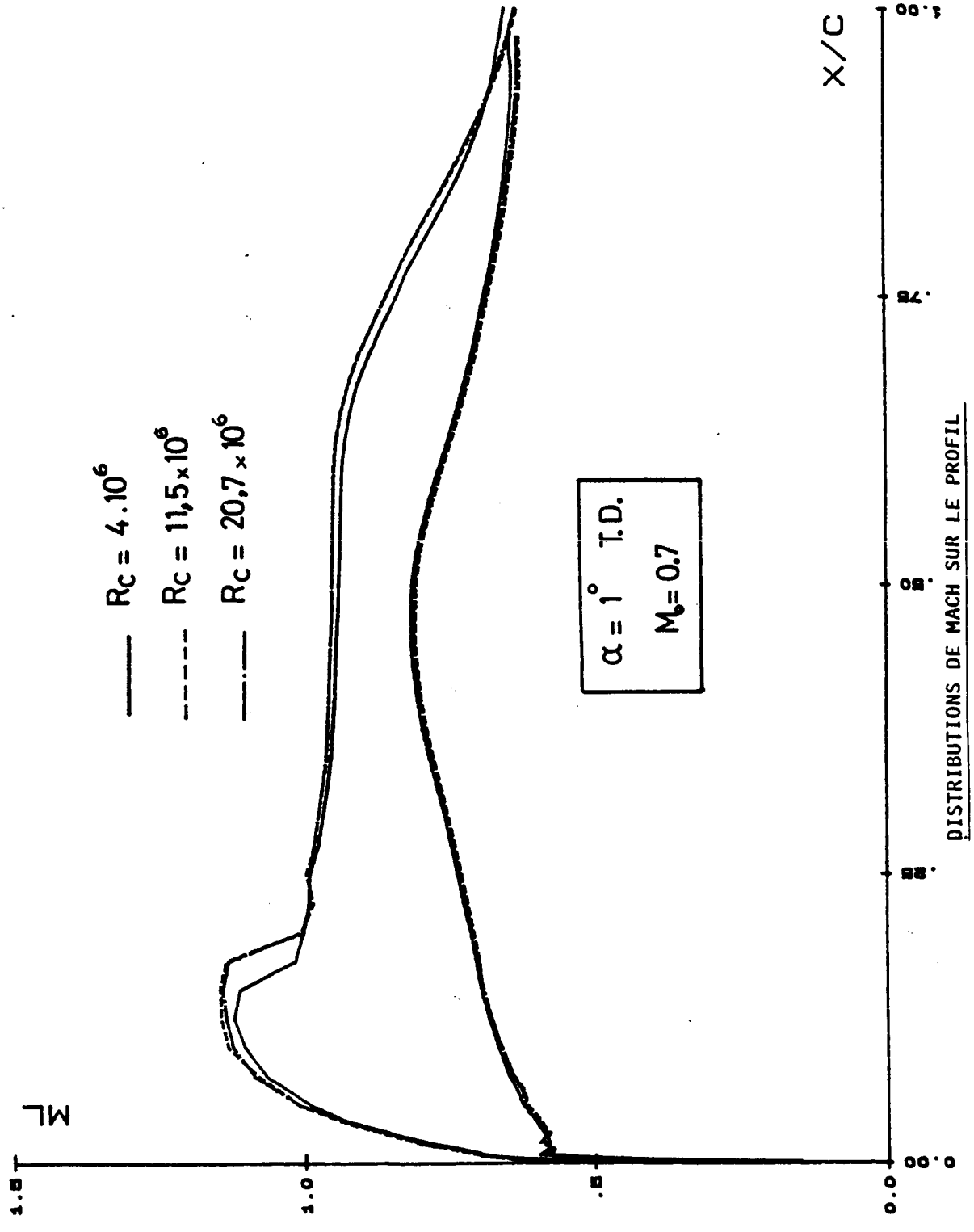
SONDAGES DES SILLAGES M_o = 0,765

T.D.

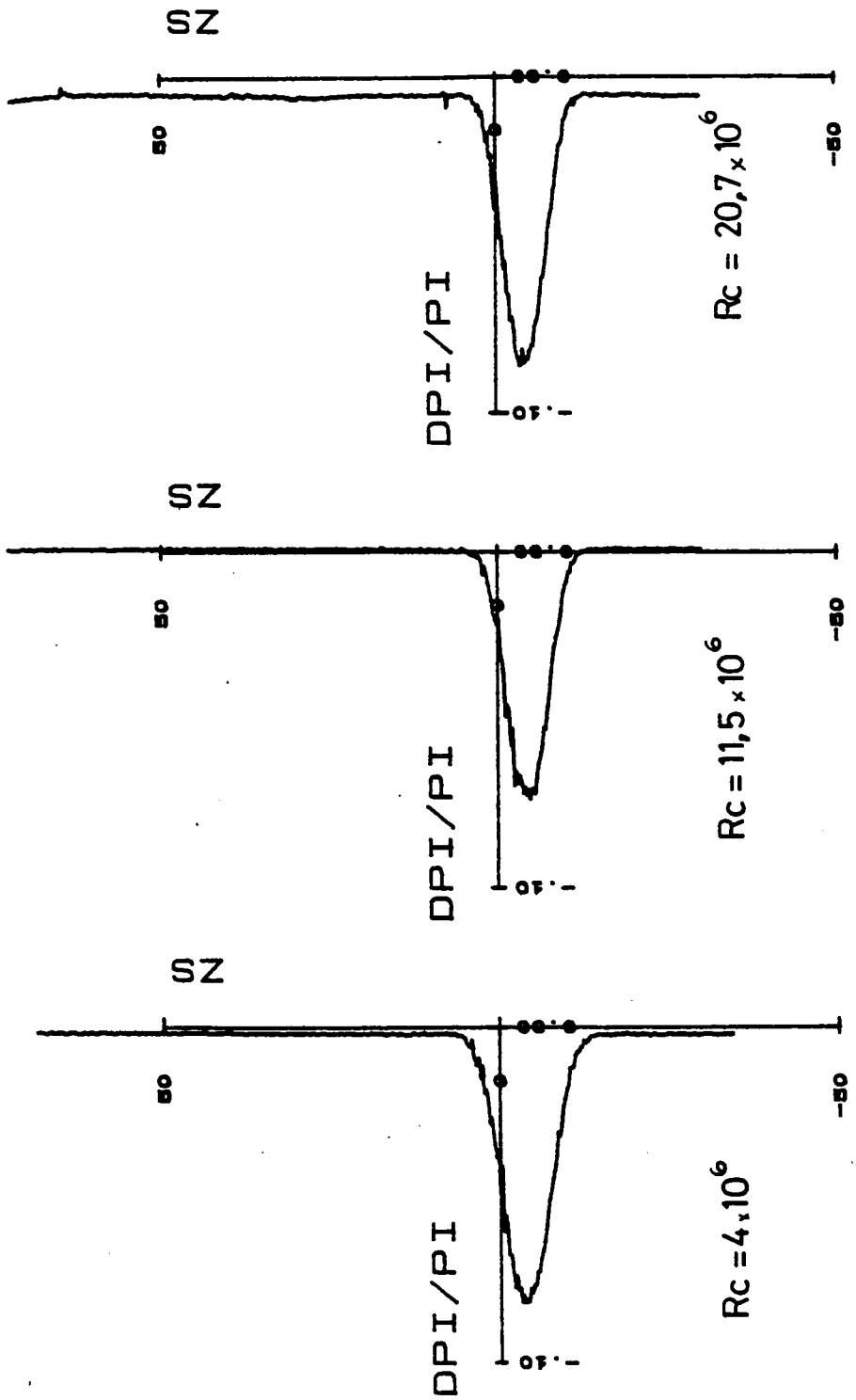
VARIATION DU NOMBRE DE REYNOLDS

$M_o = 0,7$ et $\alpha = + 1°$	PL. 72 et 73
$M_o = 0,73$ et $\alpha = - 0,25°$	PL. 74 et 75
$M_o = 0,76$ et $\alpha = + 0,25°$	PL. 76 et 77
$M_o = 0,76$ et $\alpha = + 1°$	PL. 78 et 79
$M_o = 0,765$ et $\alpha = - 2°$	PL. 80 et 81
$M_o = 0,765$ et $\alpha = + 2°$	PL. 82 et 83

PL. 72

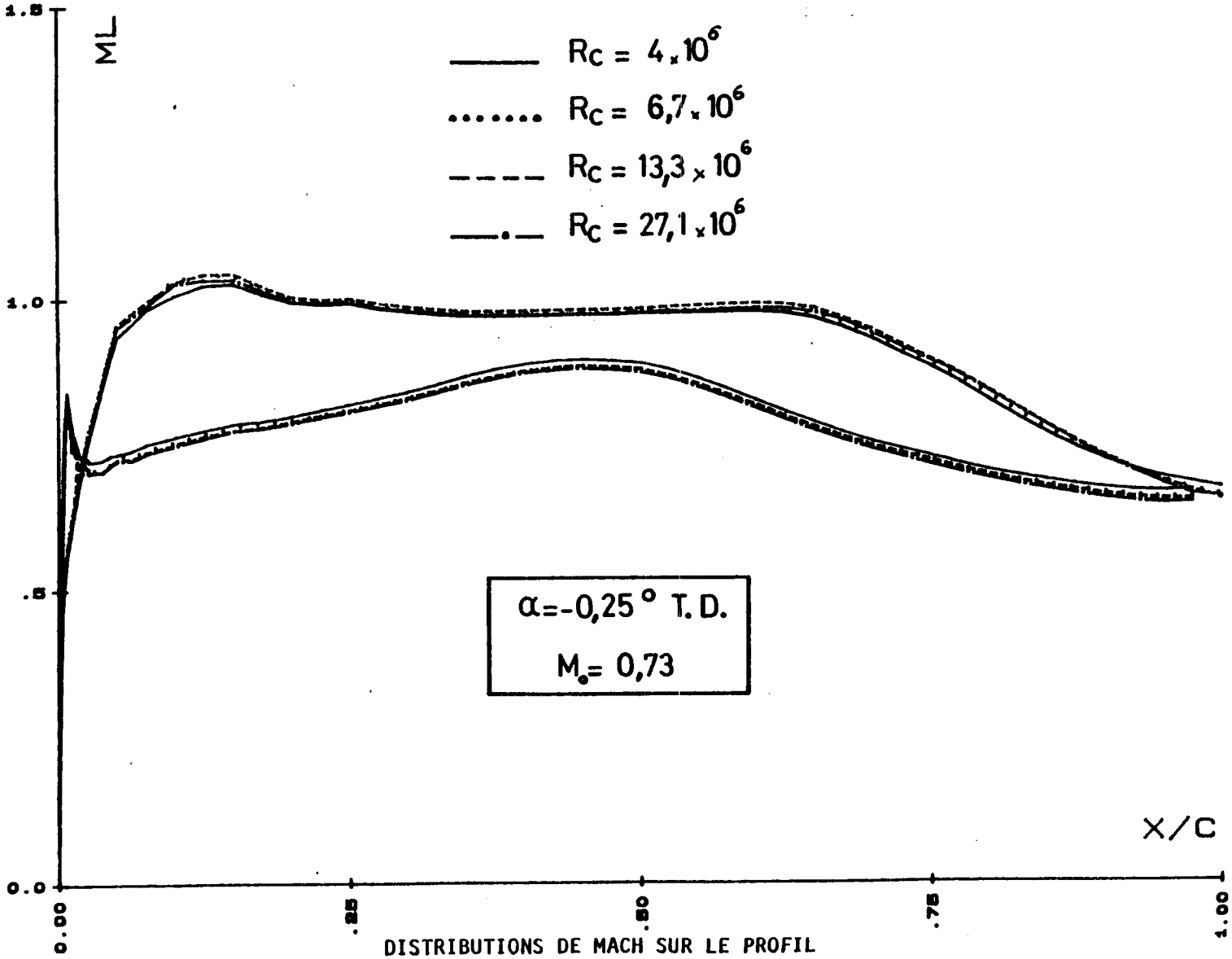


DISTRIBUTIONS DE MACH SUR LE PROFIL



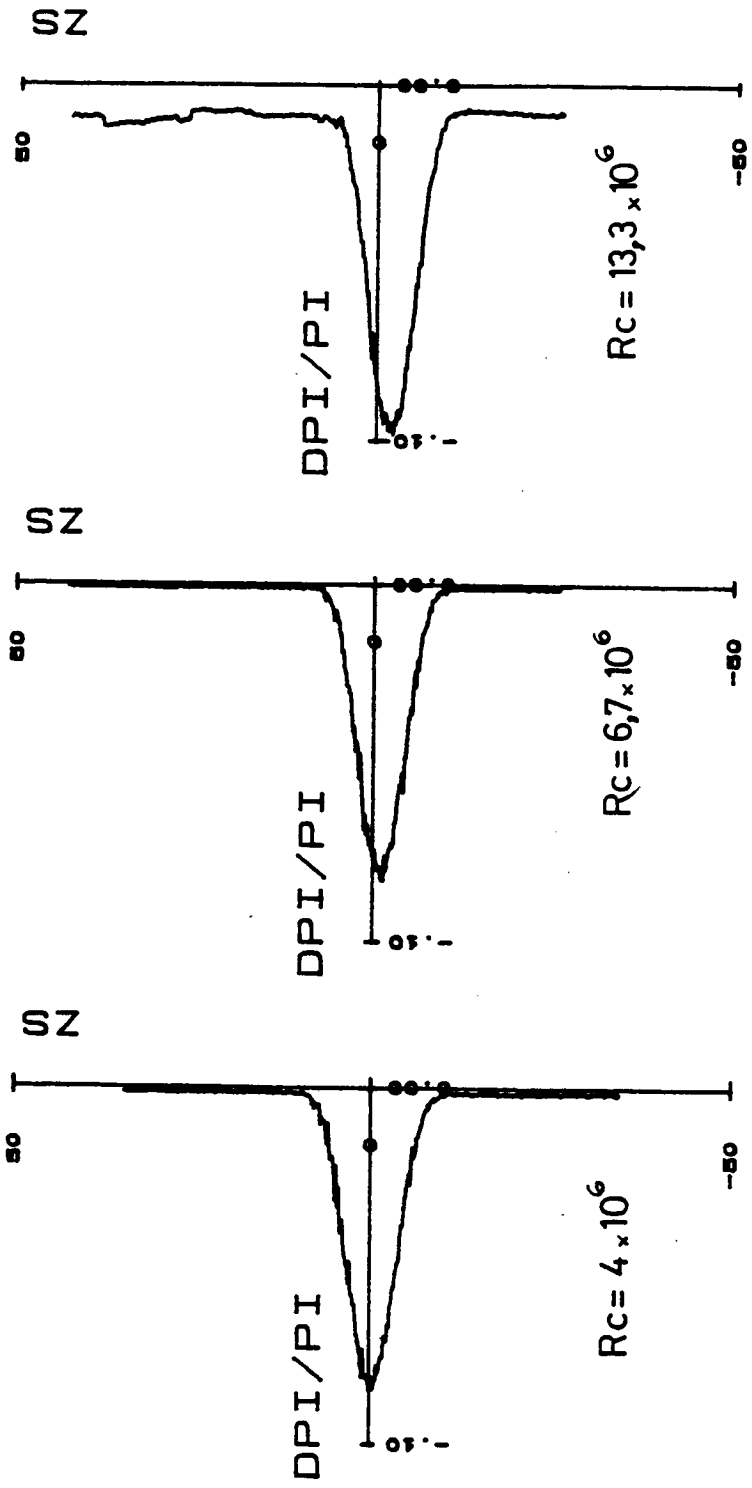
$\alpha = 1^{\circ}$ M=0,7 T.D.

SONDAGES DES SILLAGES



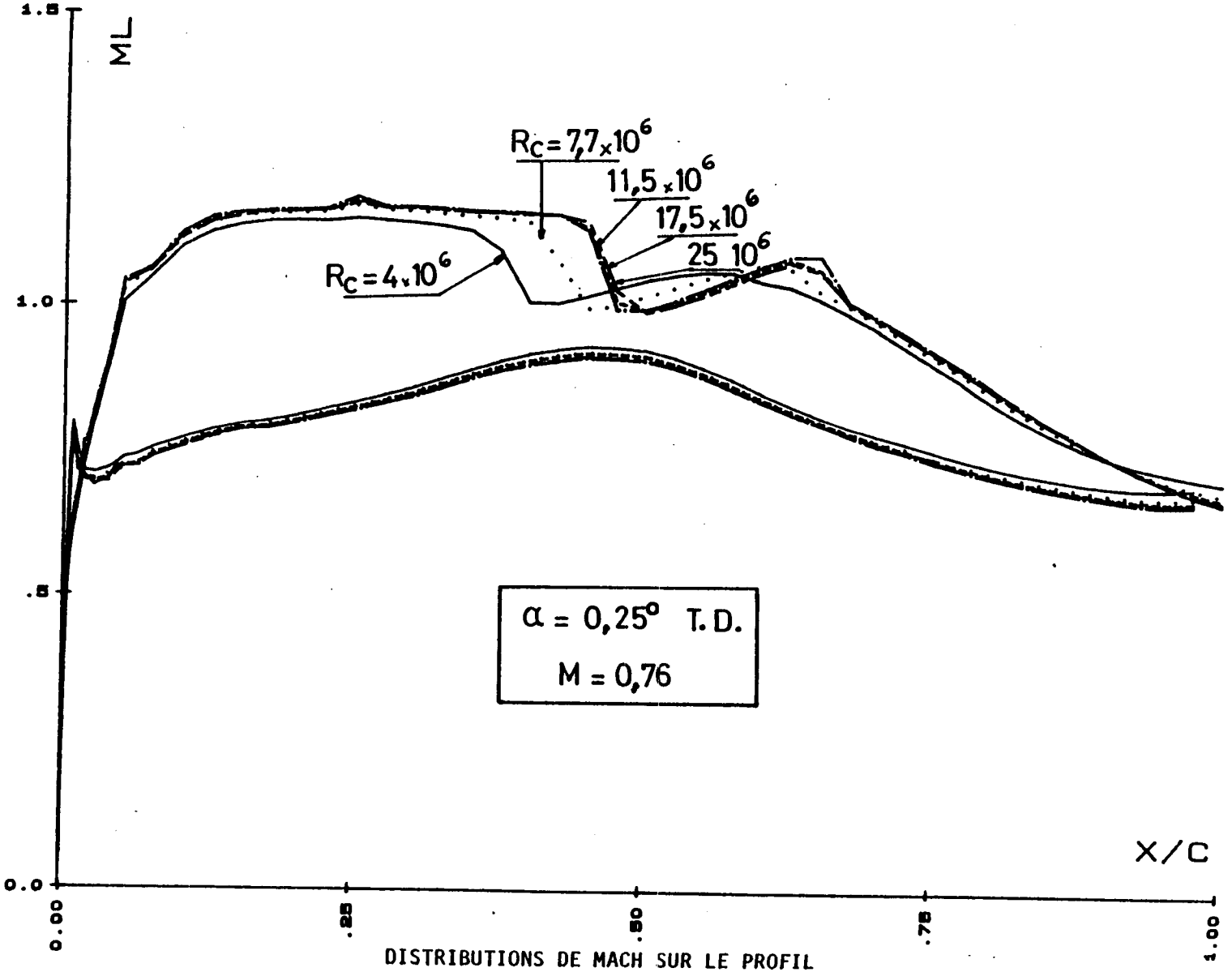
DISTRIBUTIONS DE MACH SUR LE PROFIL

PL. 74



$\alpha = -0,25°$ M = 0,73 T.D.

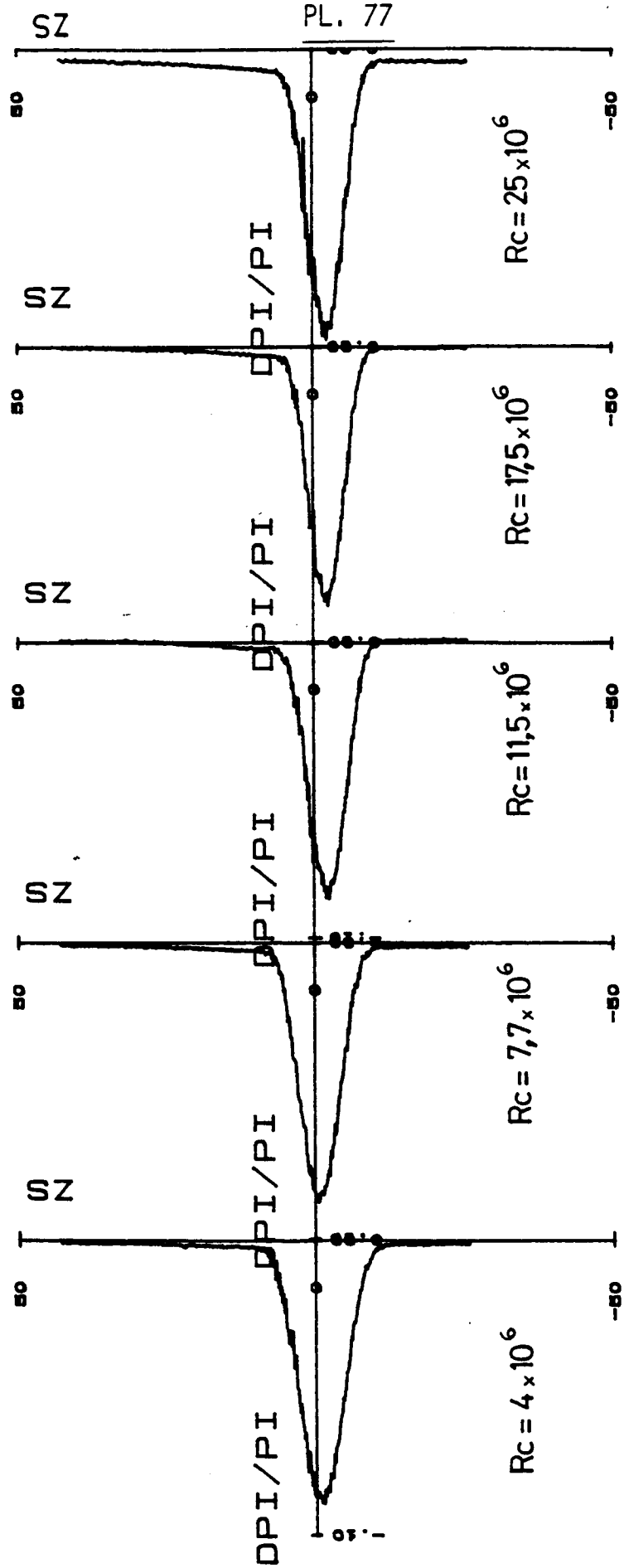
SONDAGES DES SILLAGES



DISTRIBUTIONS DE MACH SUR LE PROFIL

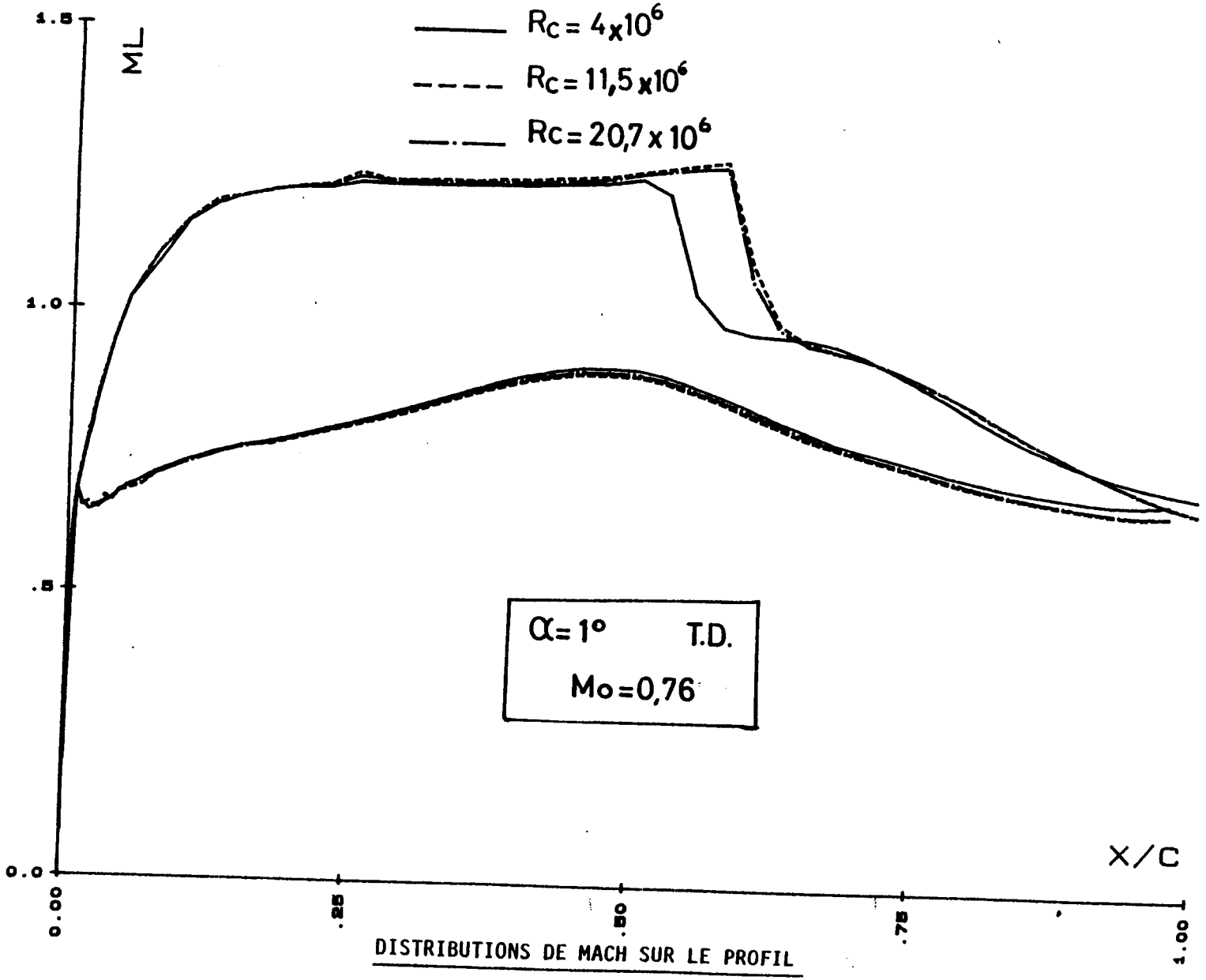
PL. 76

Fig. 77



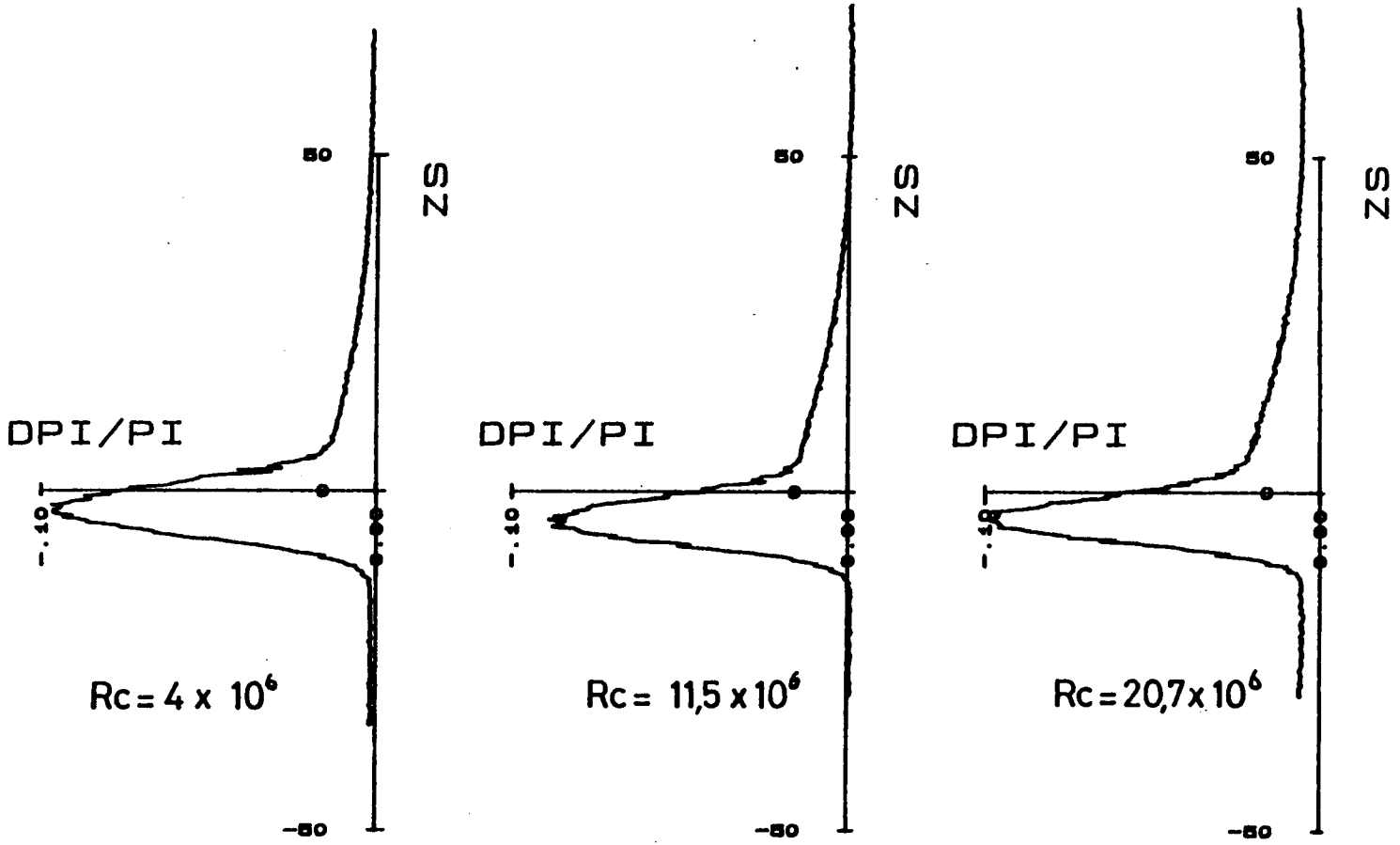
$\alpha = 0,25°$ M = 0,76 T.D.

SONDAGES DES SILLAGES



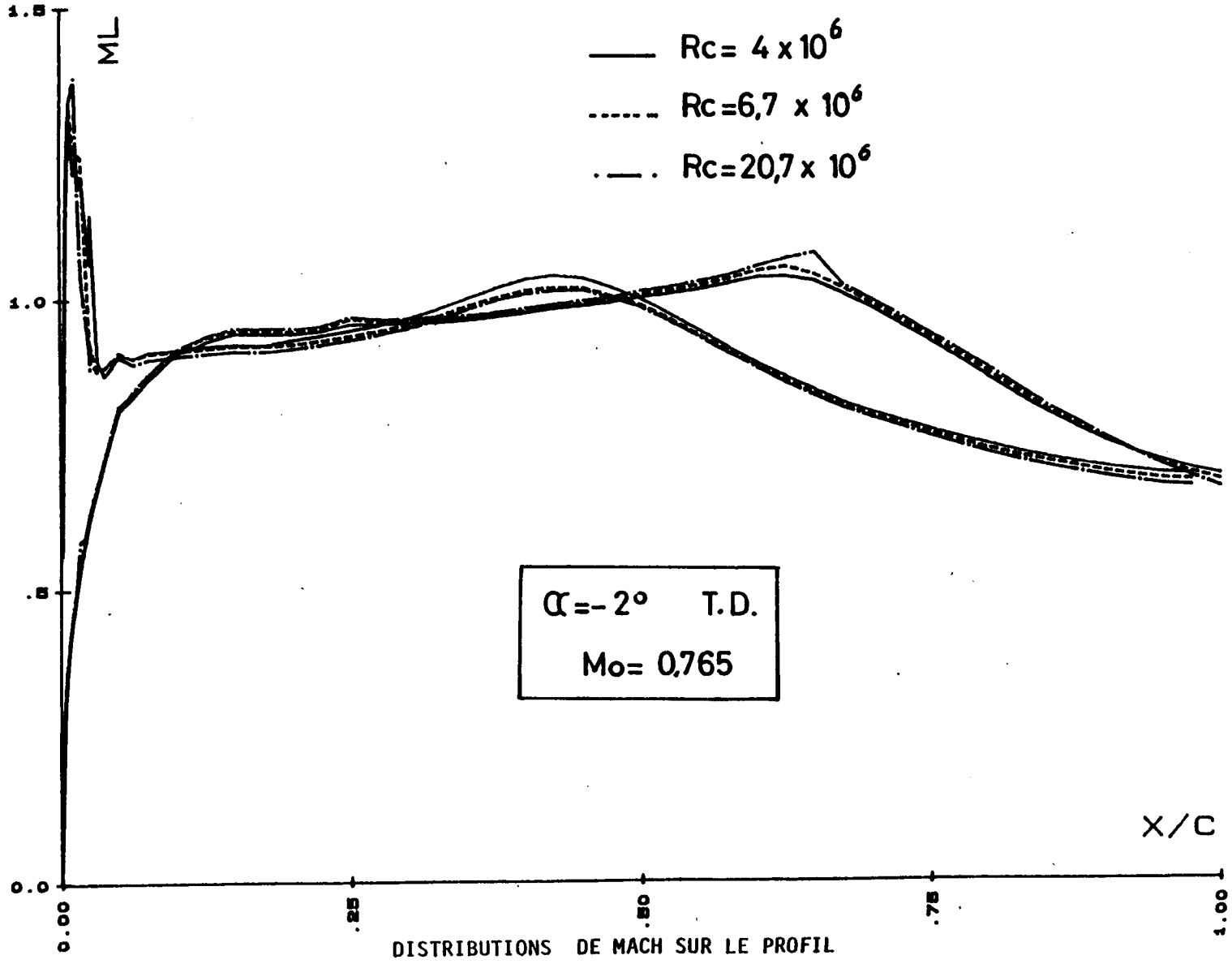
DISTRIBUTIONS DE MACH SUR LE PROFIL

PL. 78



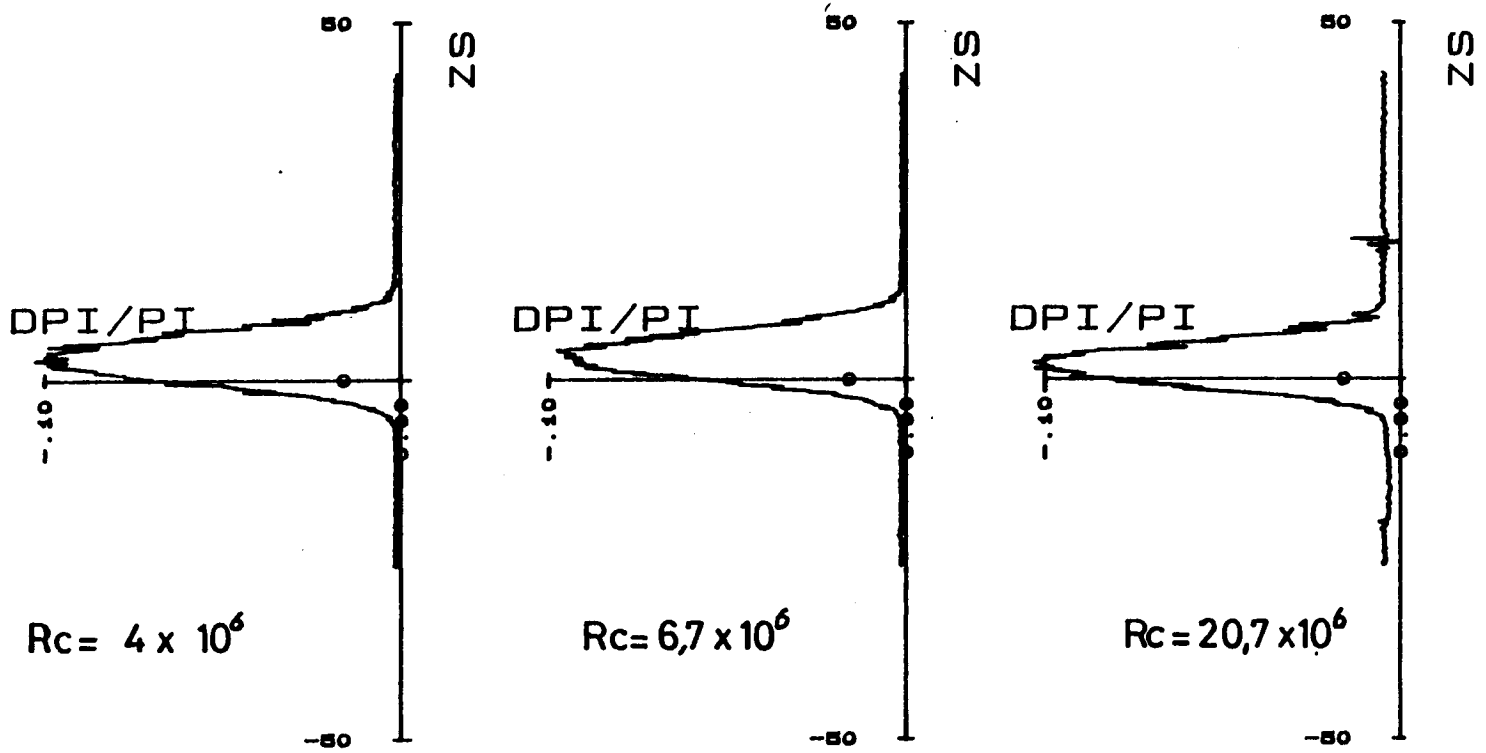
$\alpha = 1°$ Mo = 0,76 T.D.

SONDAGES DES SILLAGES



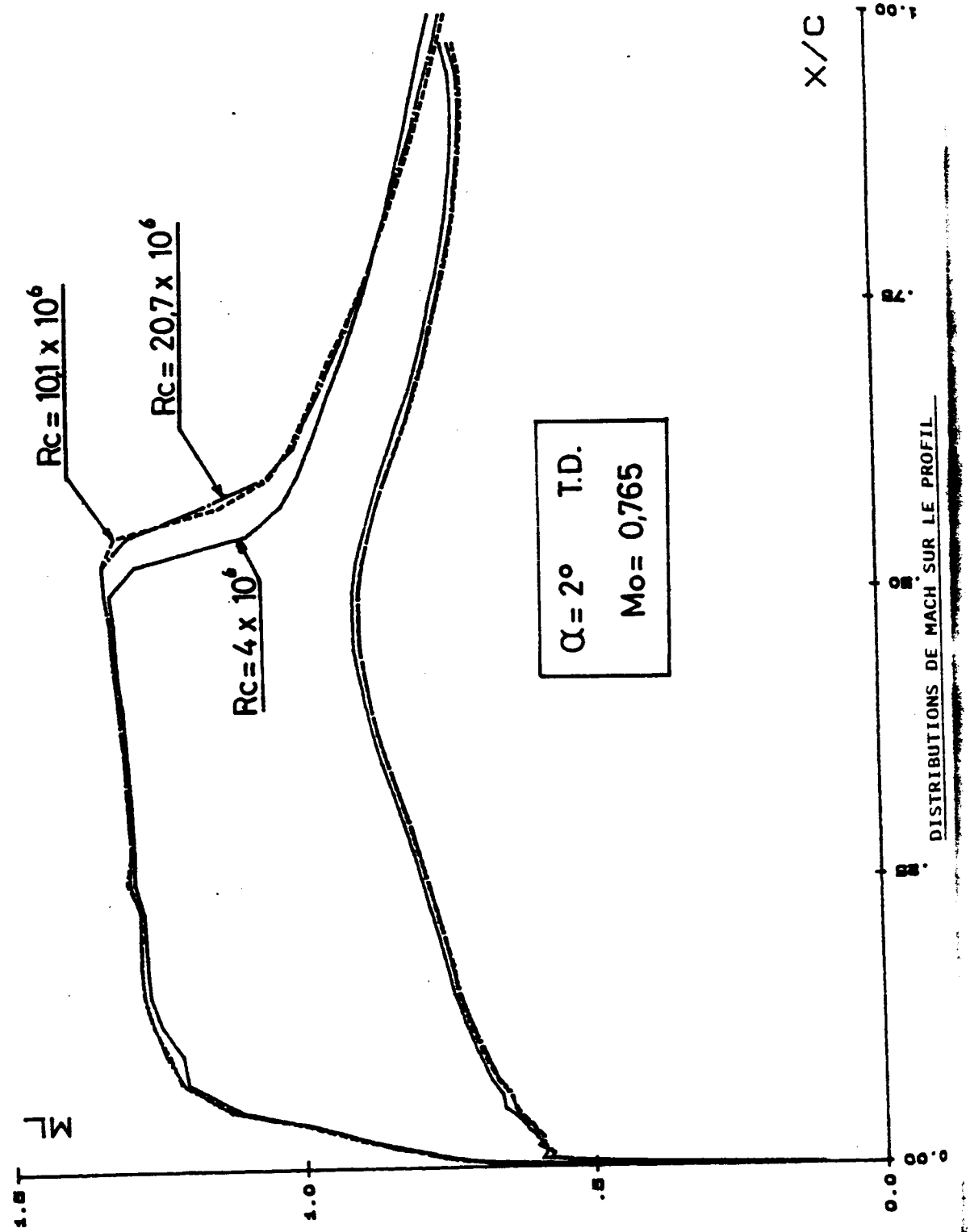
DISTRIBUTIONS DE MACH SUR LE PROFIL

PL. 80

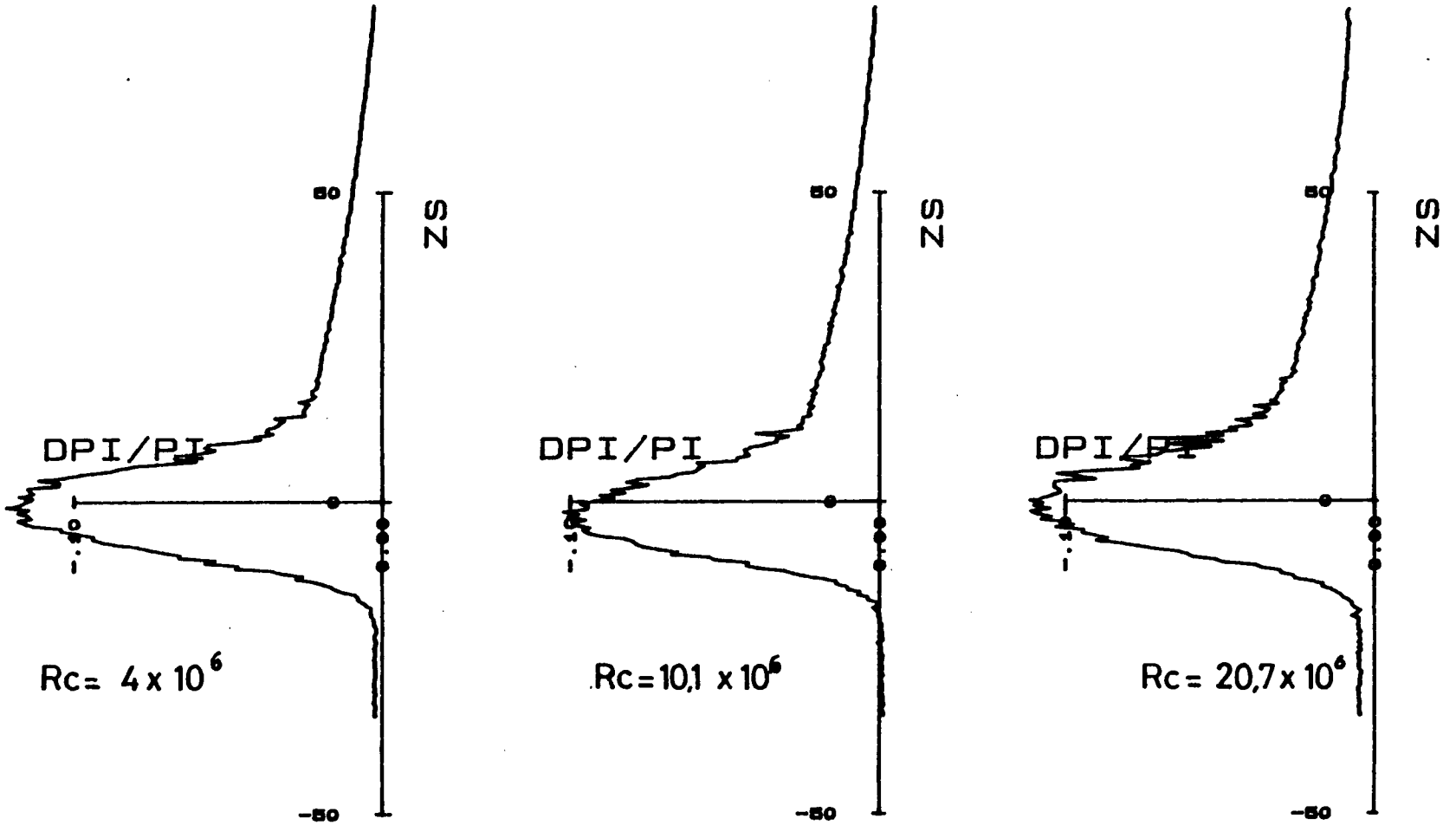


$\alpha = -2°$ Mo = 0,765 T.D.

SONDAGES DES SILLAGES



DISTRIBUTIONS DE MACH SUR LE PROFIL



$\alpha = 2°$ Mo=0,765 T.D.

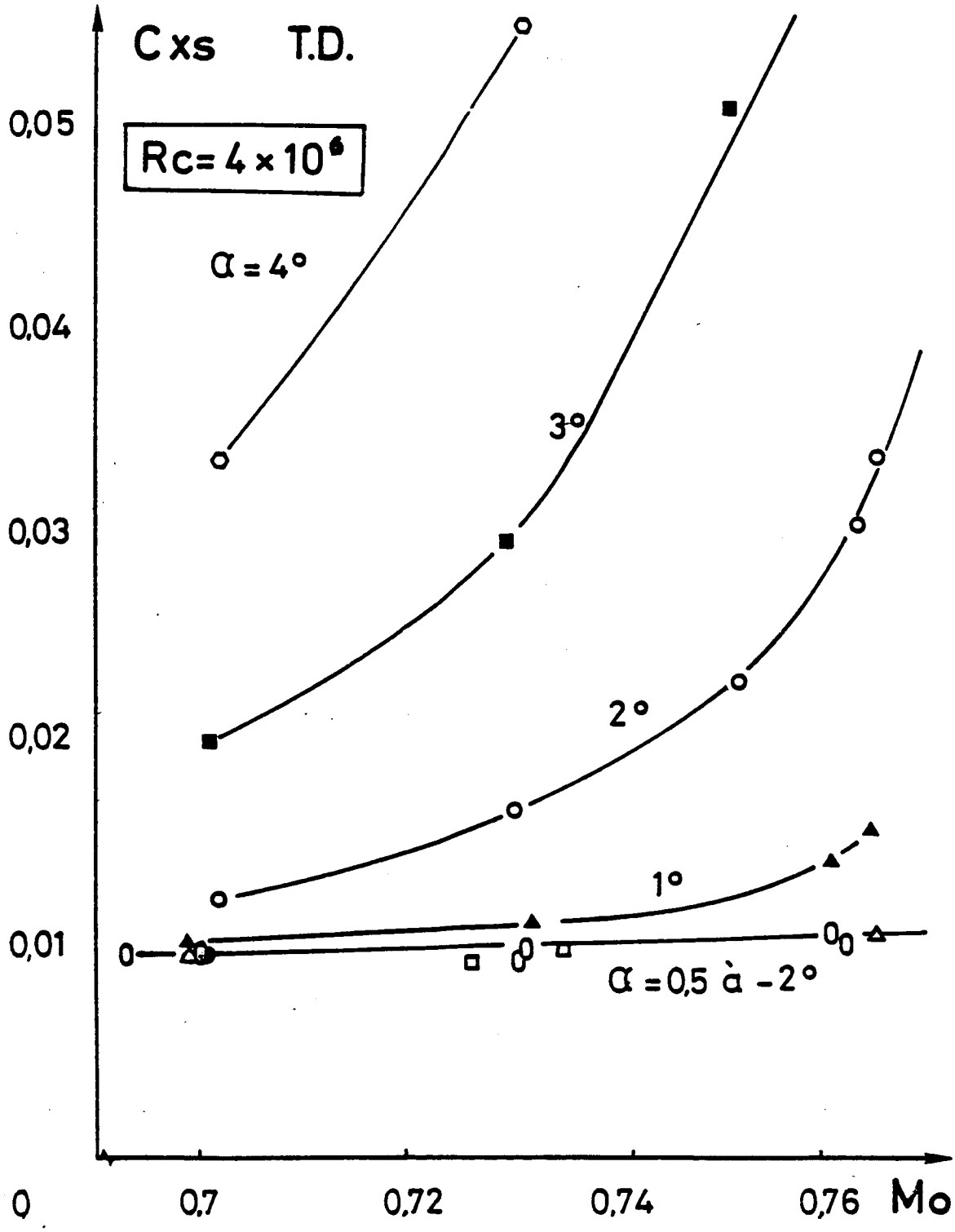
SONDAGES DES SILLAGES

T.D.

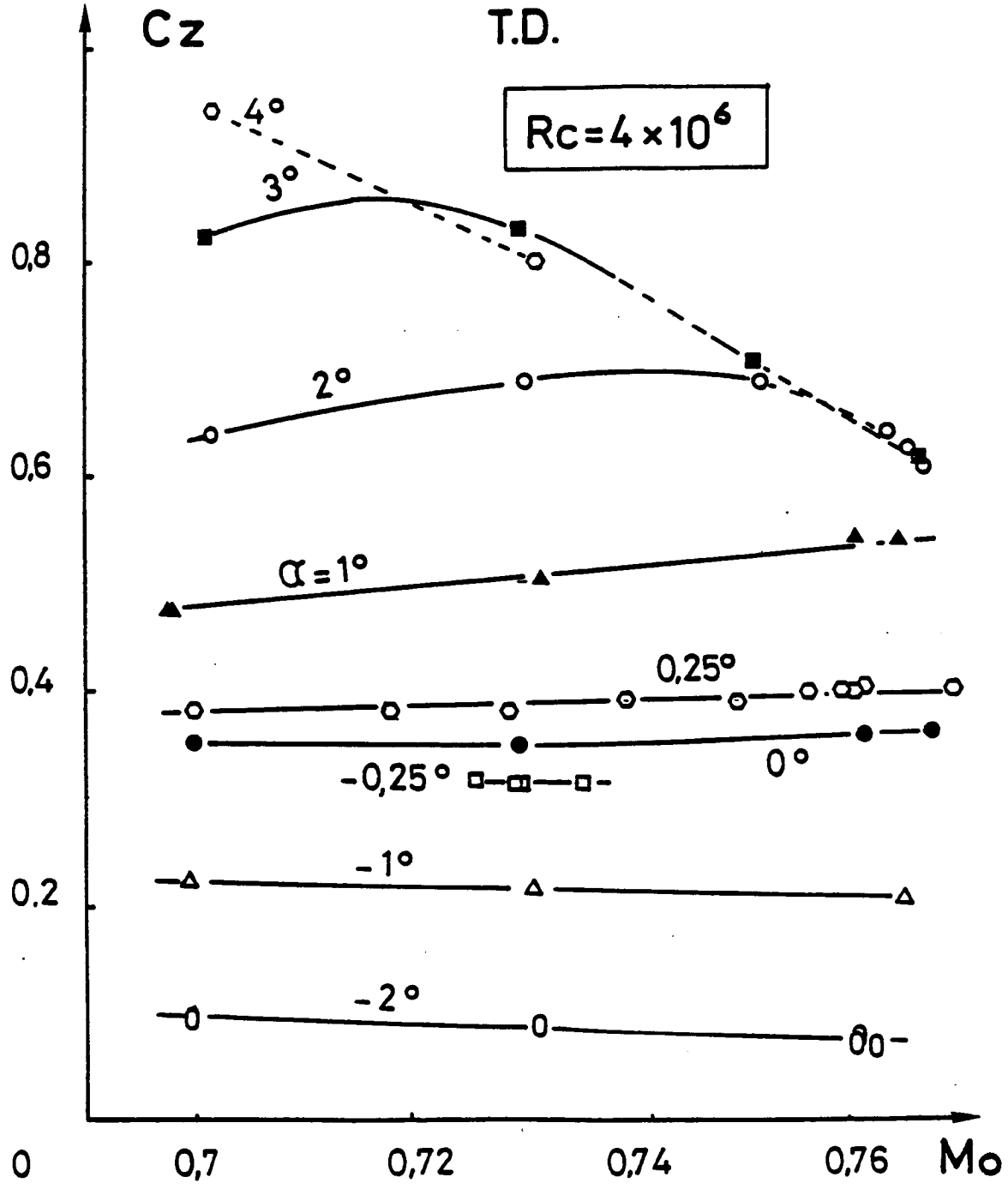
COEFFICIENTS AERODYNAMIQUES EN FONCTION DU NOMBRE DE MACH

$R_C = 4. 10^6$

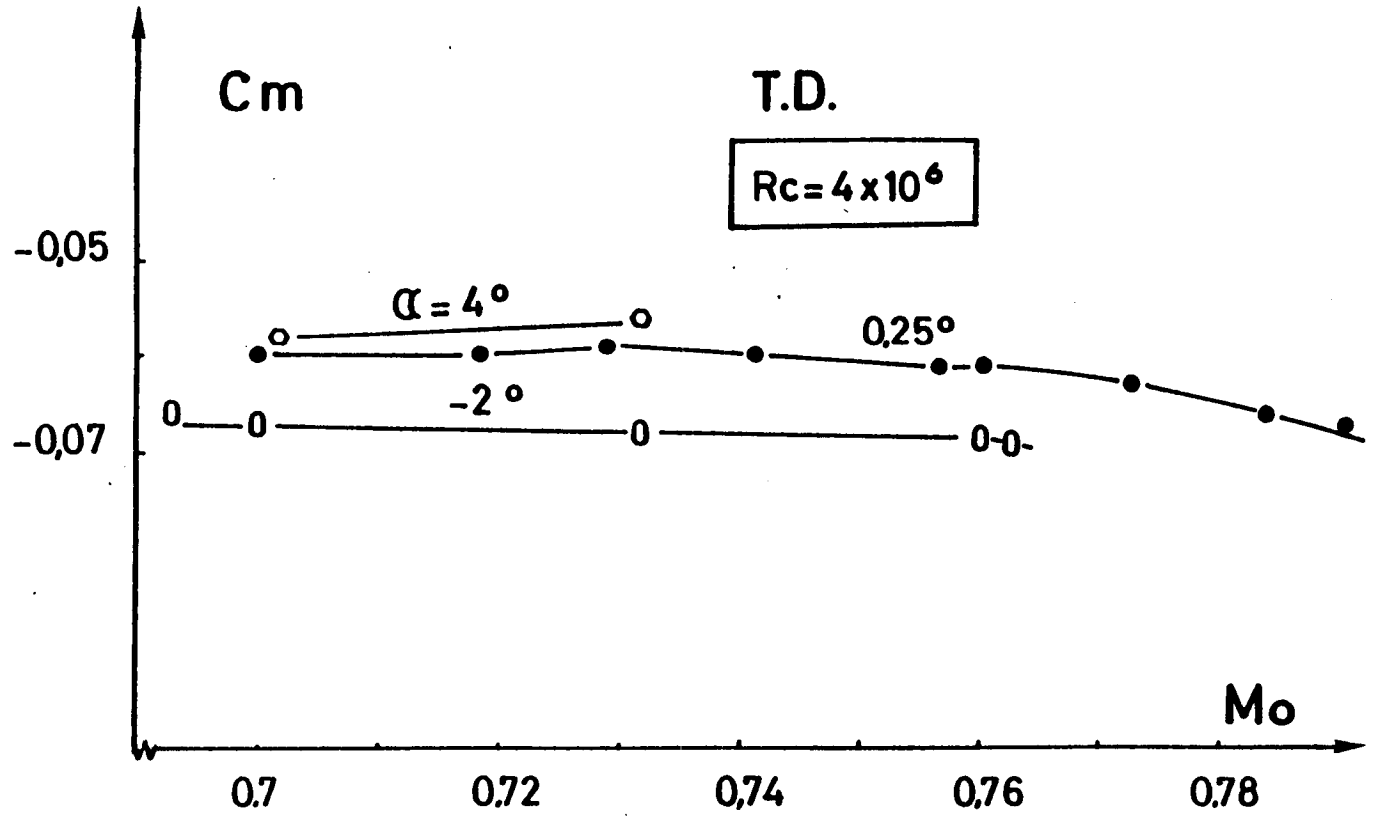
C_{xs} (M_o)	PL. 84
C_z (M_o)	PL. 85
C_m (M_o)	PL. 86



COEFFICIENT DE TRAINEE C_{xs} $R_c = 4 \times 10^6$



COEFFICIENT DE PORTANCE C_z $R_c = 4 \times 10^6$



COEFFICIENT DE MOMENT DE TANGAGE C_m $R_c = 4 \times 10^6$

PL. 86

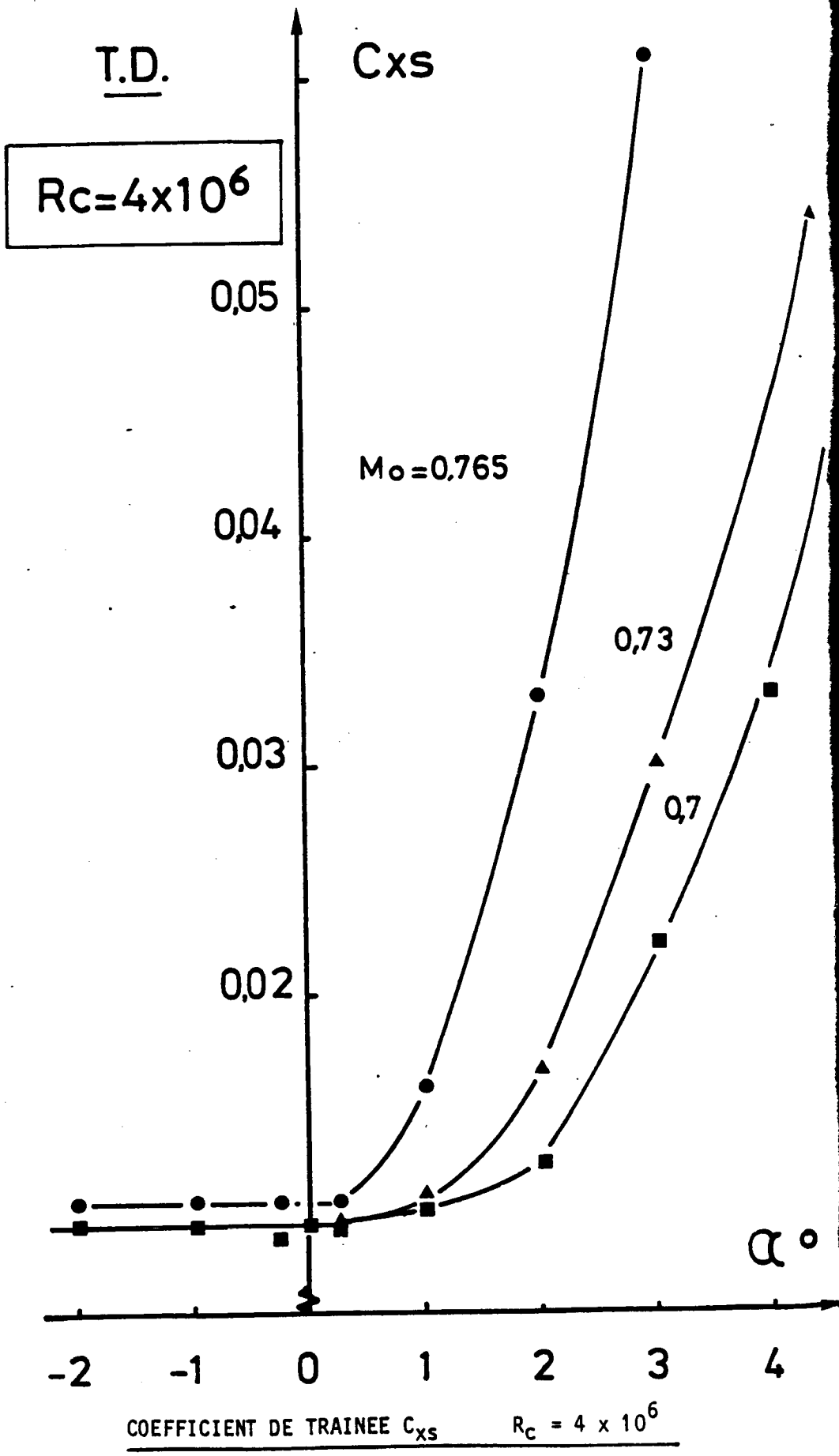
T.D.

COEFFICIENTS AERODYNAMIQUES EN FONCTION DE L'INCIDENCE

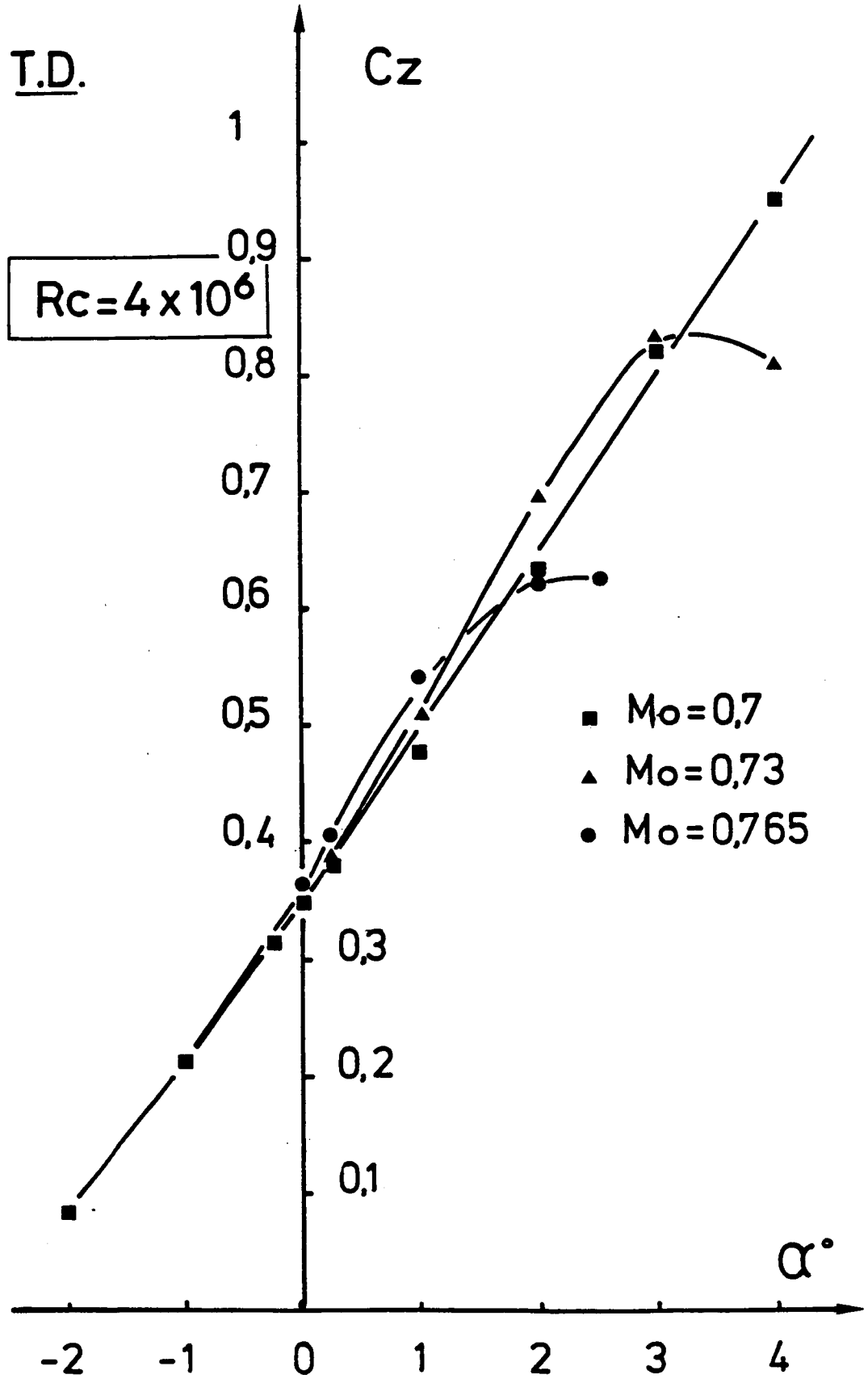
$R_c = 4.\ 10^6$

C_{xs} (α)	PL. 87
C_z (α)	PL. 88
C_m (α)	PL. 89
Polaire C_z (C_x)	PL. 90

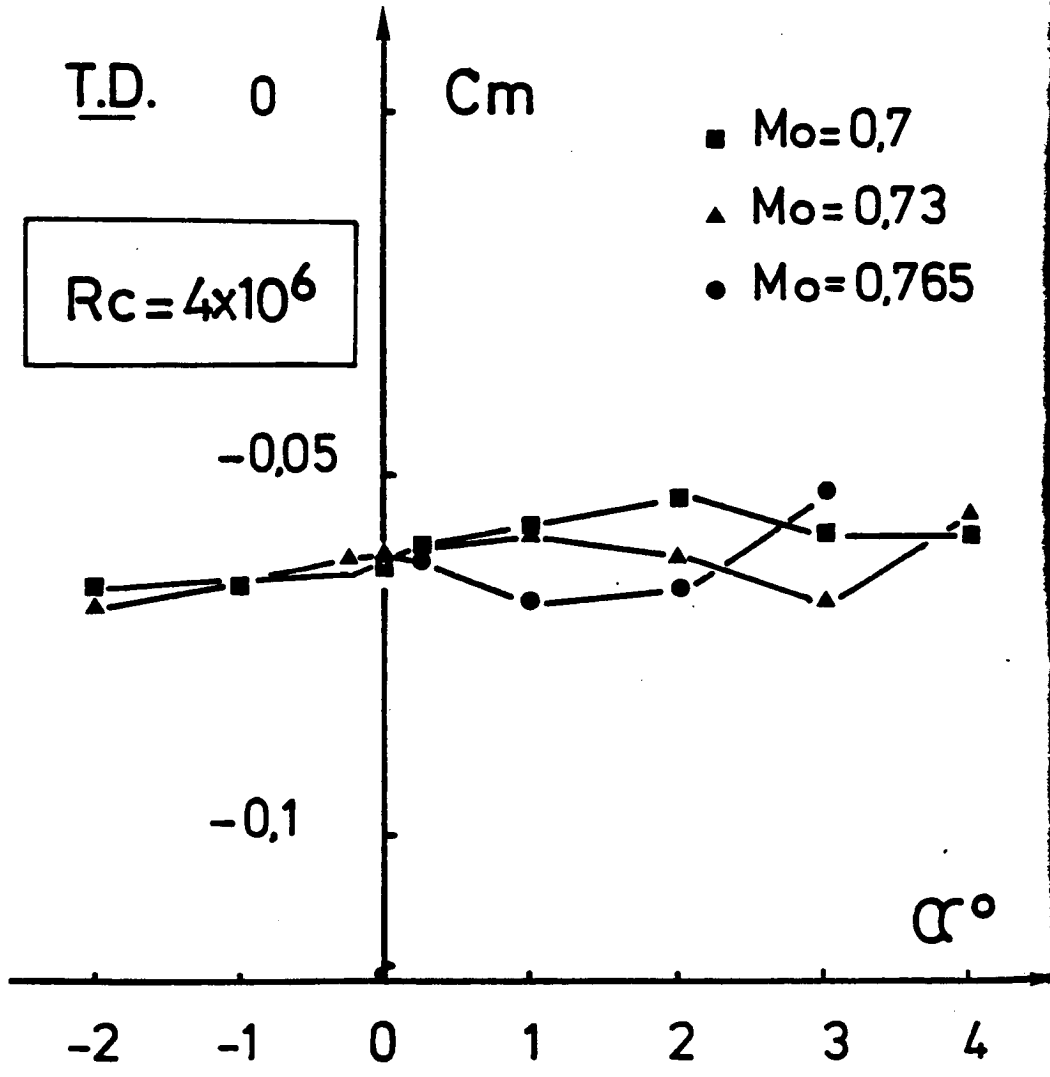
PL. 87



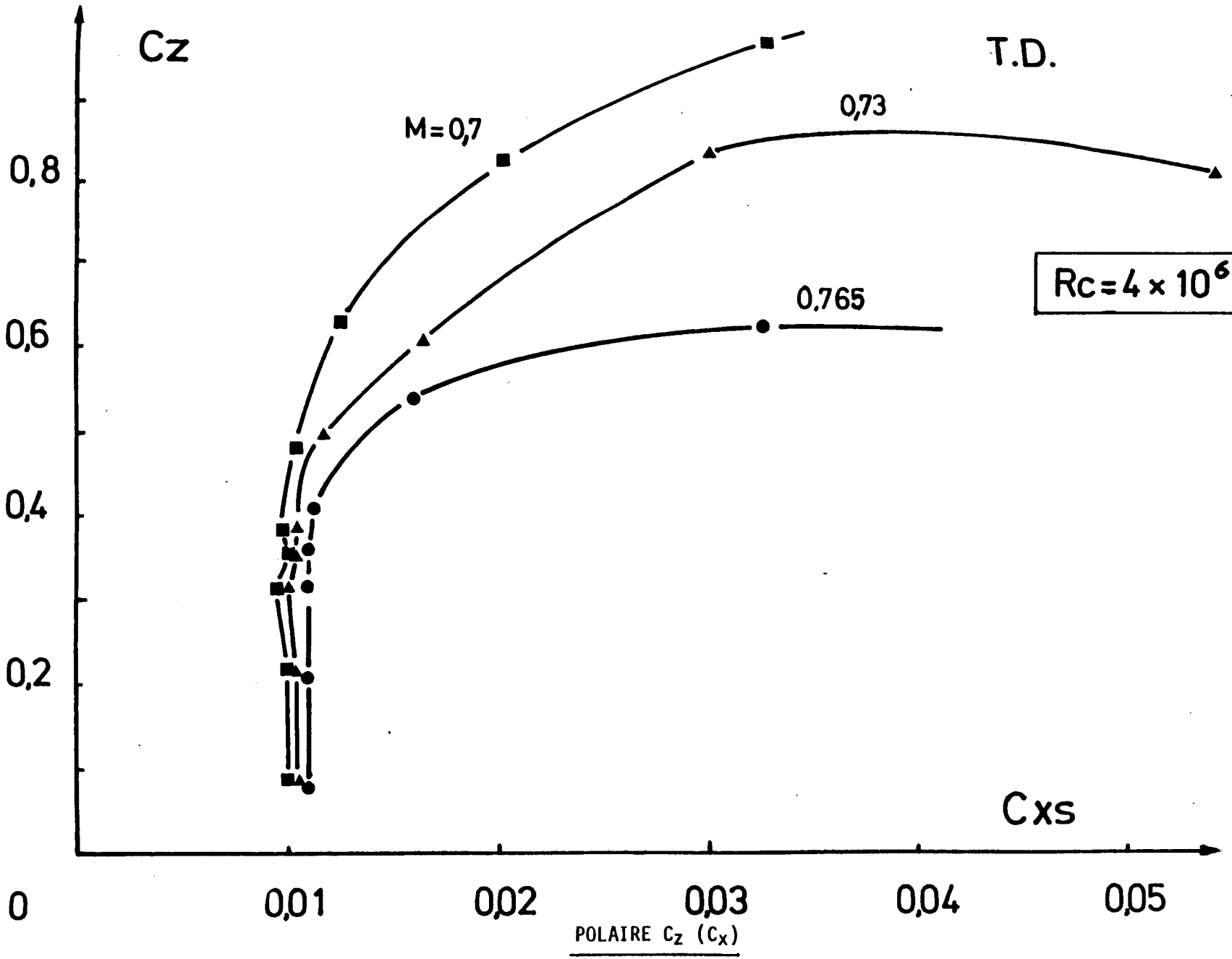
COEFFICIENT DE TRAINEE C_{xs} $R_c = 4 \times 10^6$



COEFFICIENT DE PORTANCE C_z $R_c = 4 \times 10^6$



COEFFICIENT DE MOMENT DE TANGAGE C_m $R_c = 4 \times 10^6$



POLAIRE C_z (C_x)

PL. 90

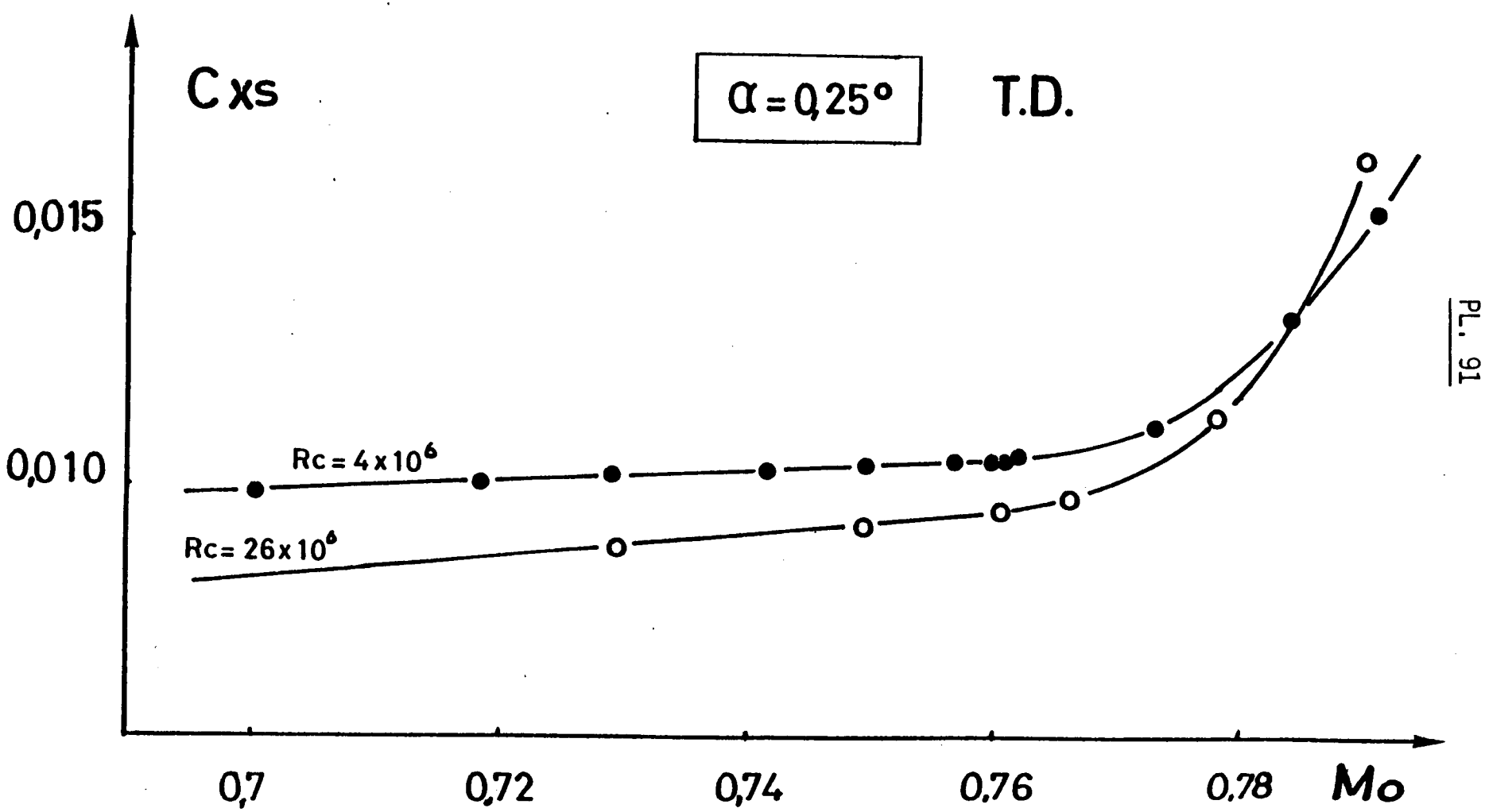
T.D.

EVOLUTION DES COEFFICIENTS AERODYNAMIQUES EN FONCTION DU NOMBRE DE MACH

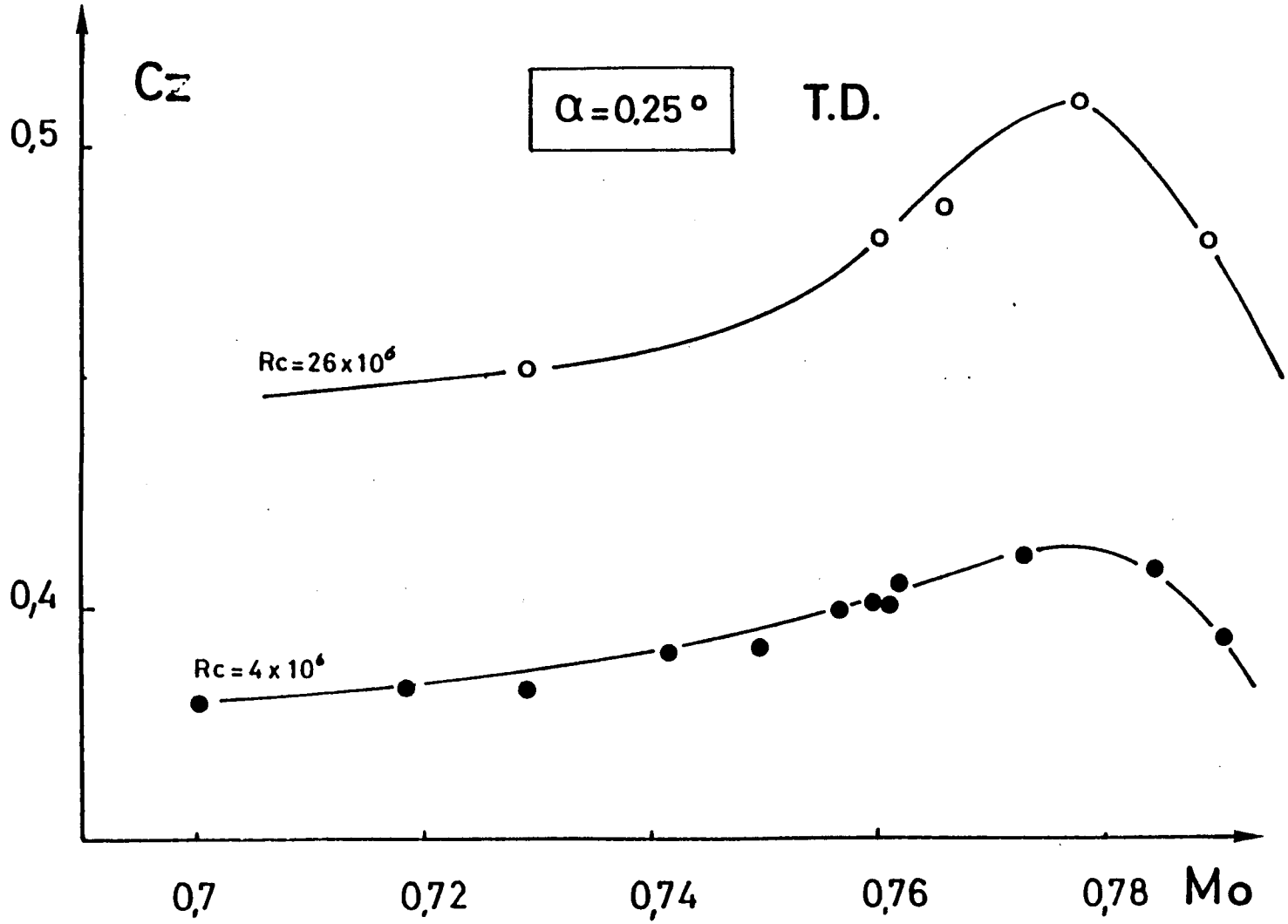
pour $\alpha = + 0{,}25°$

$R_c = 4. 10^6$ et $R_c = 26. 10^6$

C_{xs} (M_o)	PL. 91
C_z (M_o)	PL. 92


Cxs
α = 0,25°
T.D.
0,015
0,010
Rc = 4 x 10⁶
Rc = 26 x 10⁶
0,7
0,72
0,74
0,76
0,78
Mo
COEFFICIENT DE TRAINEE C

PL. 91



COEFFICIENT DE PORTANCE C_z

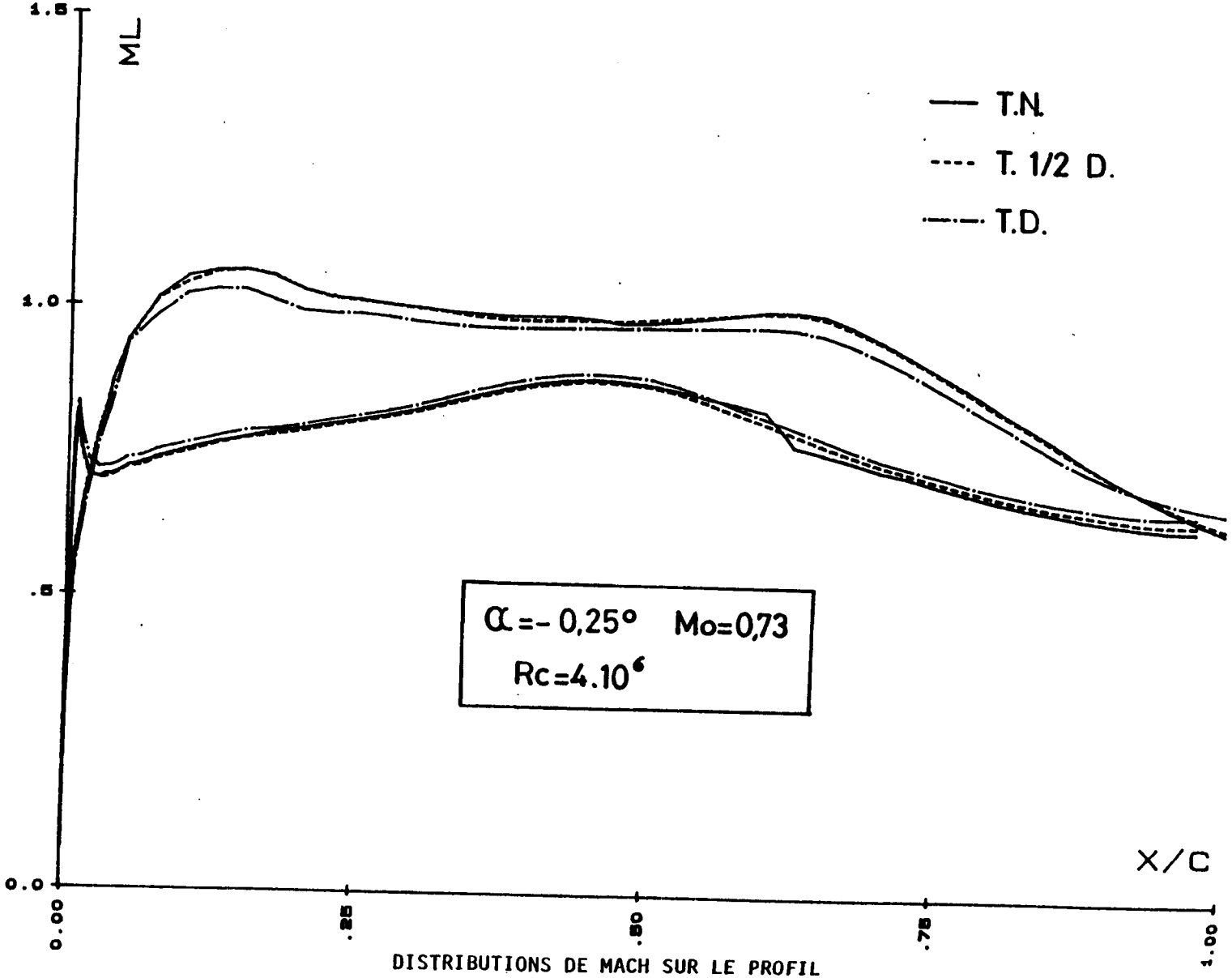
EFFETS
DU NOMBRE DE REYNOLDS
COMPARATIVEMENT
T.N. T.1/2D. T.D.

PLANCHES 93 à 122

COMPARAISONS T.N. - T. 1/2 D. - T.D.

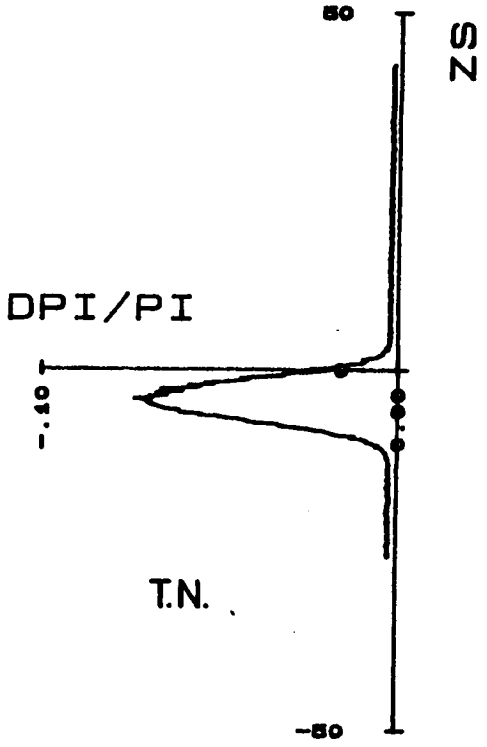
DISTRIBUTIONS DE MACH ET DE SILLAGES

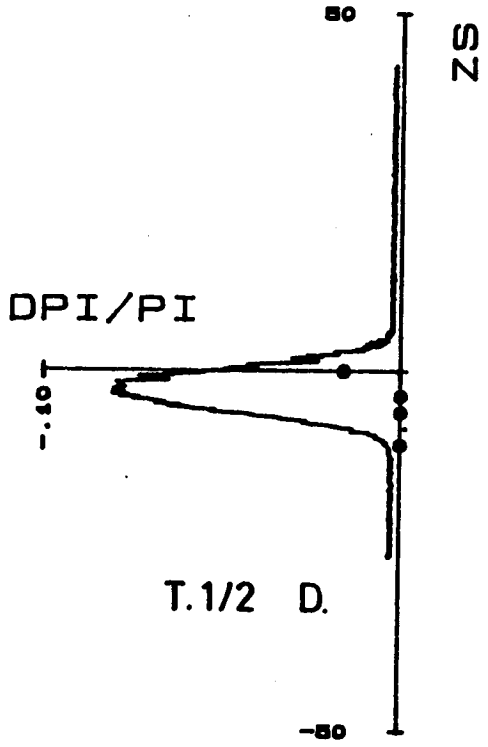
$M_o = 0{,}73$ et $\alpha = -0{,}25°$	$R_c = 4.\ 10^6$	PL. 93 et 94
$M_o = 0{,}76$ et $\alpha = +0{,}25°$	$R_e = 4.\ 10^6$	PL. 95 et 96
$M_o = 0{,}76$ et $\alpha = +0{,}25°$	$R_c = 7{,}8\ 10^6$	PL. 97 et 98
$M_o = 0{,}76$ et $\alpha = +0{,}25°$	$R_c = 13.\ 10^6$	PL. 99 et 100
$M_o = 0{,}765$ et $\alpha = +0{,}25°$	$R_c = 25.10^6$	PL. 101

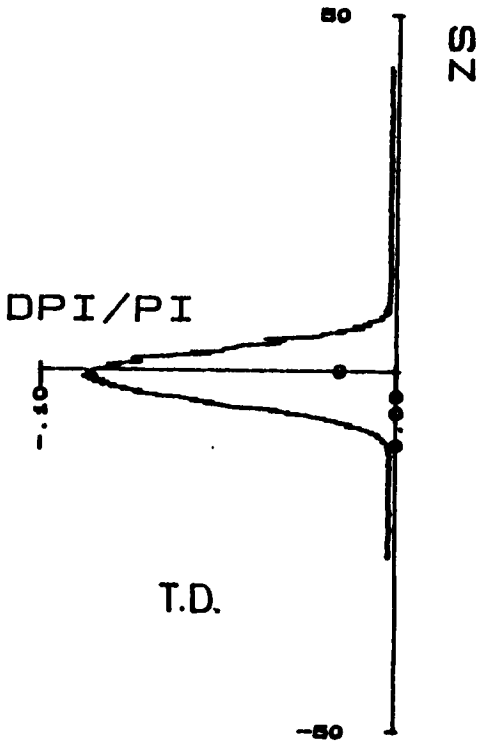


DISTRIBUTIONS DE MACH SUR LE PROFIL

PL. 93



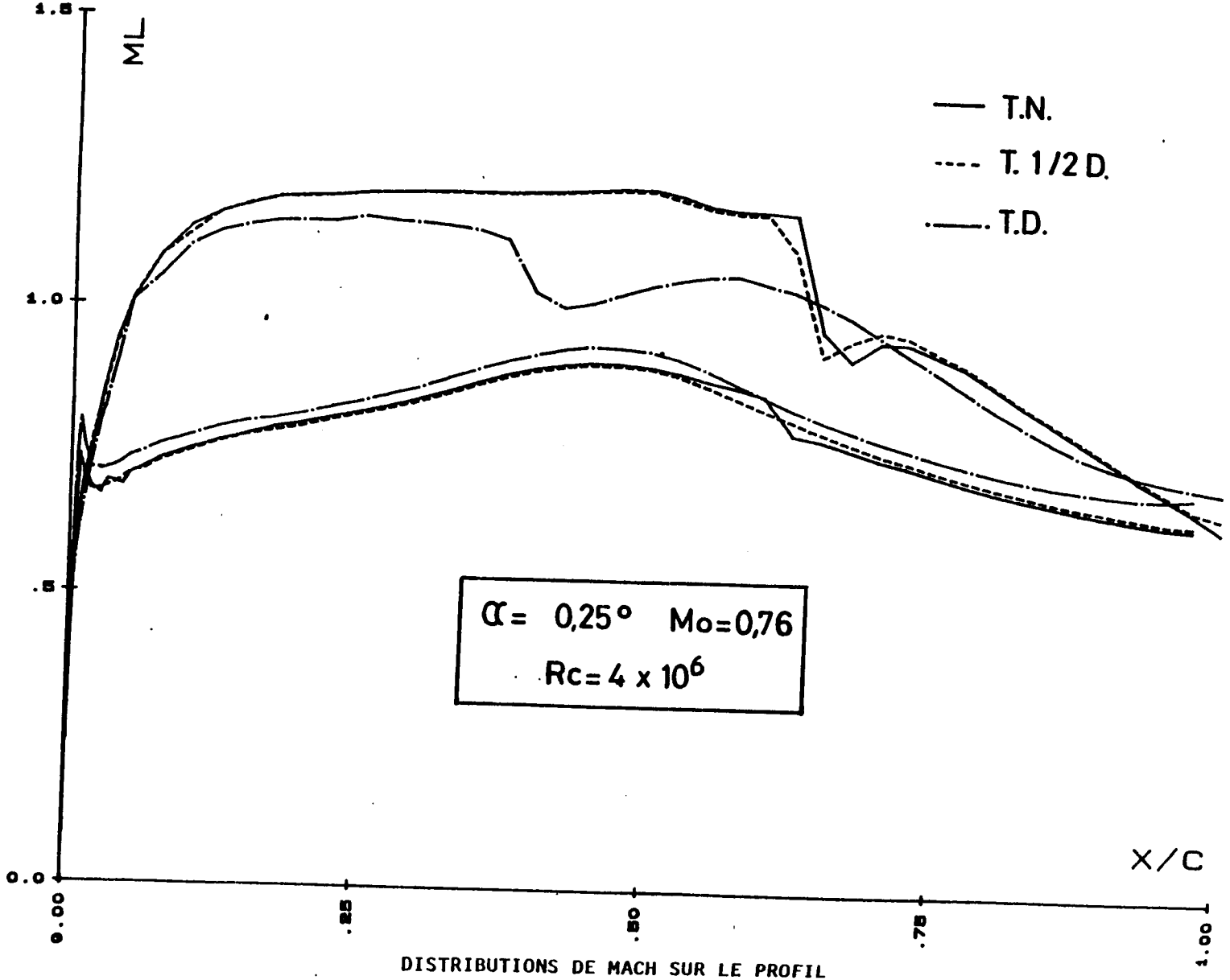




PL. 94

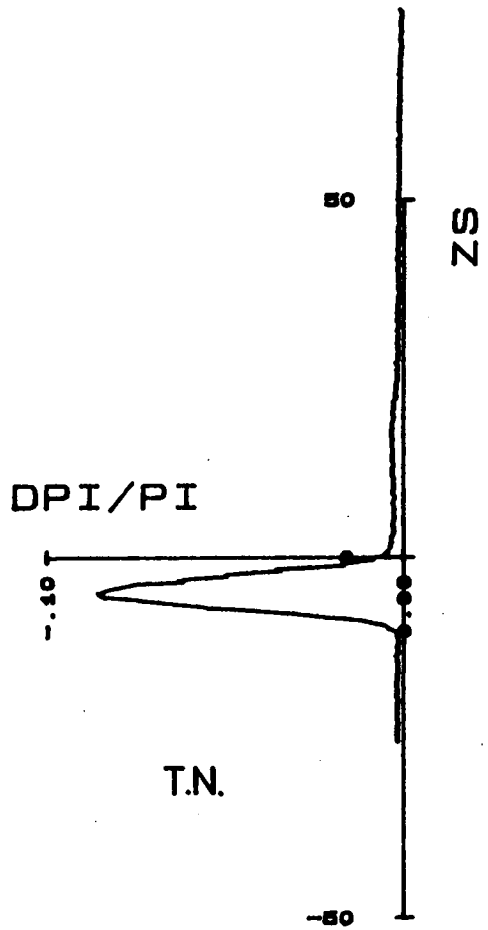
Mo= 0,73 α=-0 25° Rc=4 x 10^6.

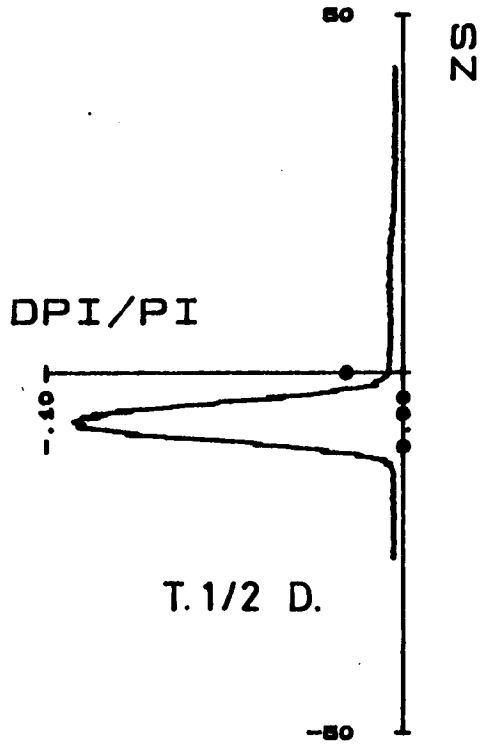
SONDAGES DES SILLAGES

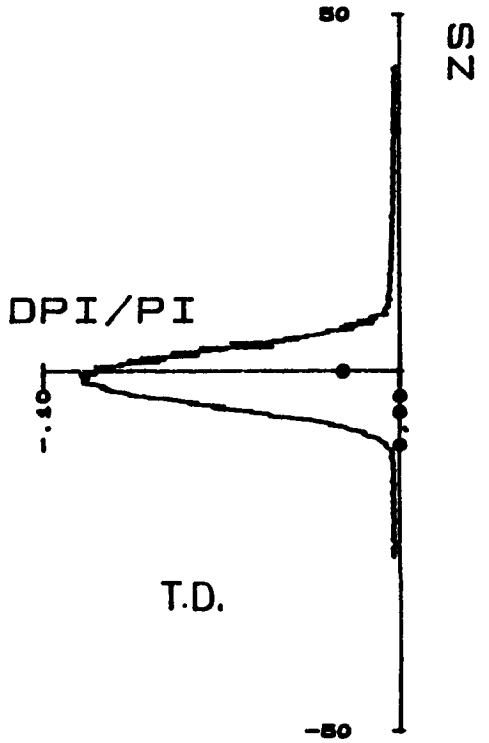


DISTRIBUTIONS DE MACH SUR LE PROFIL

PL. 95



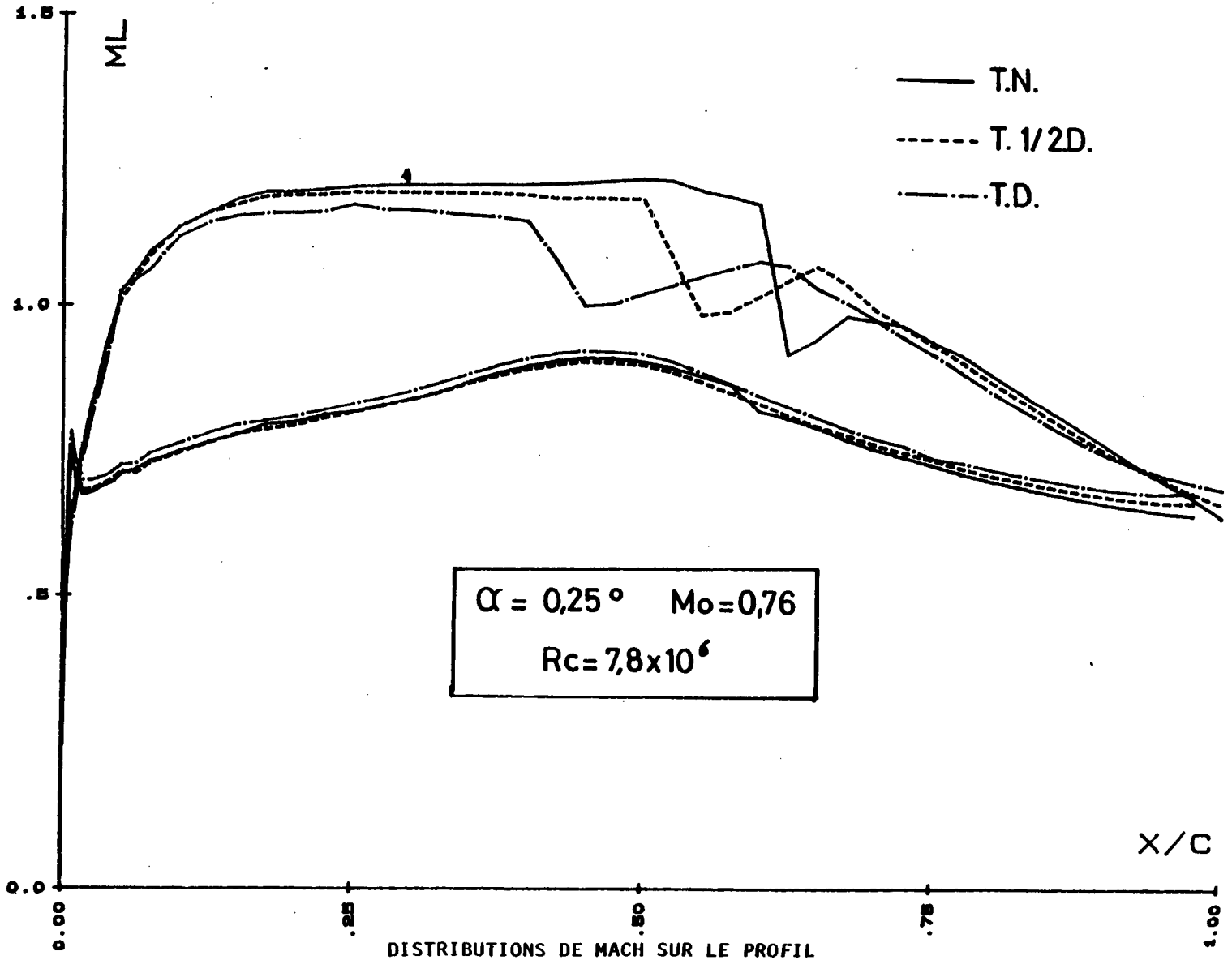




PL. 96

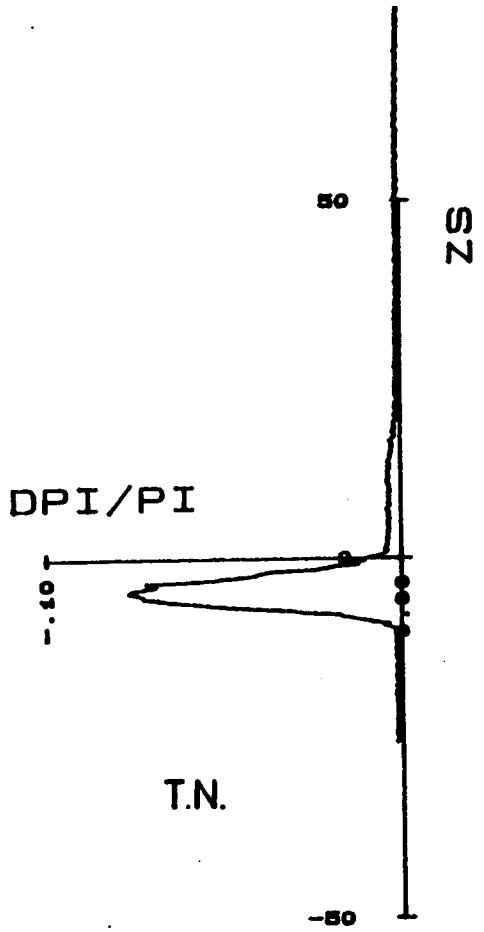
Mo=0,76	α= 0,25°	Rc= 4×10^6

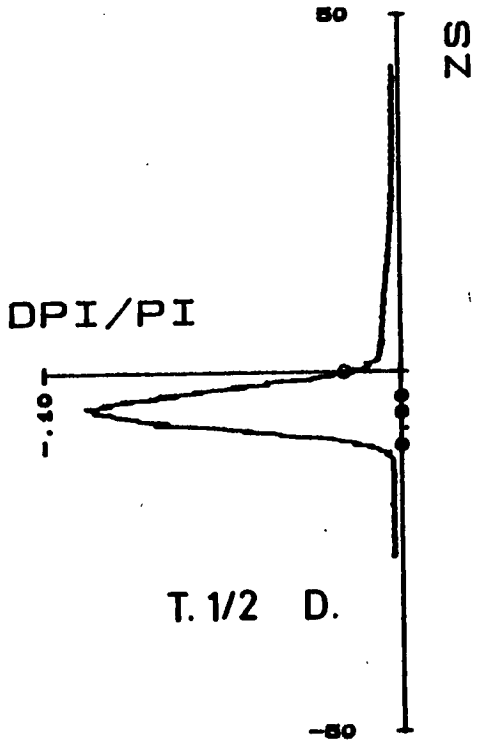
SONDAGES DES SILLAGES

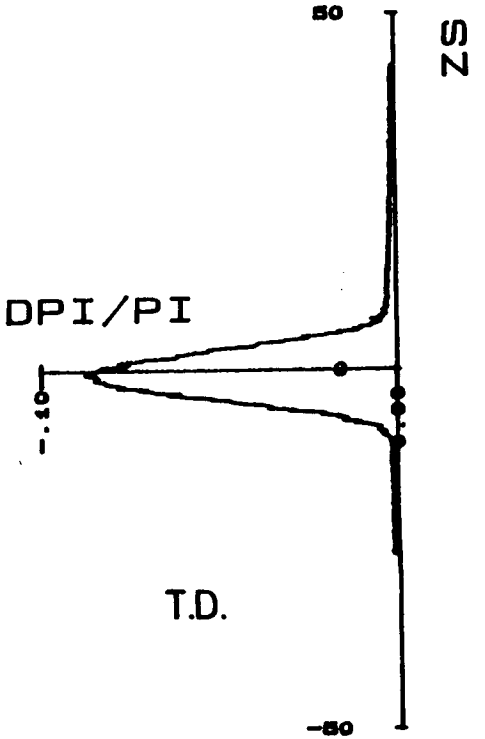


DISTRIBUTIONS DE MACH SUR LE PROFIL

PL. 97



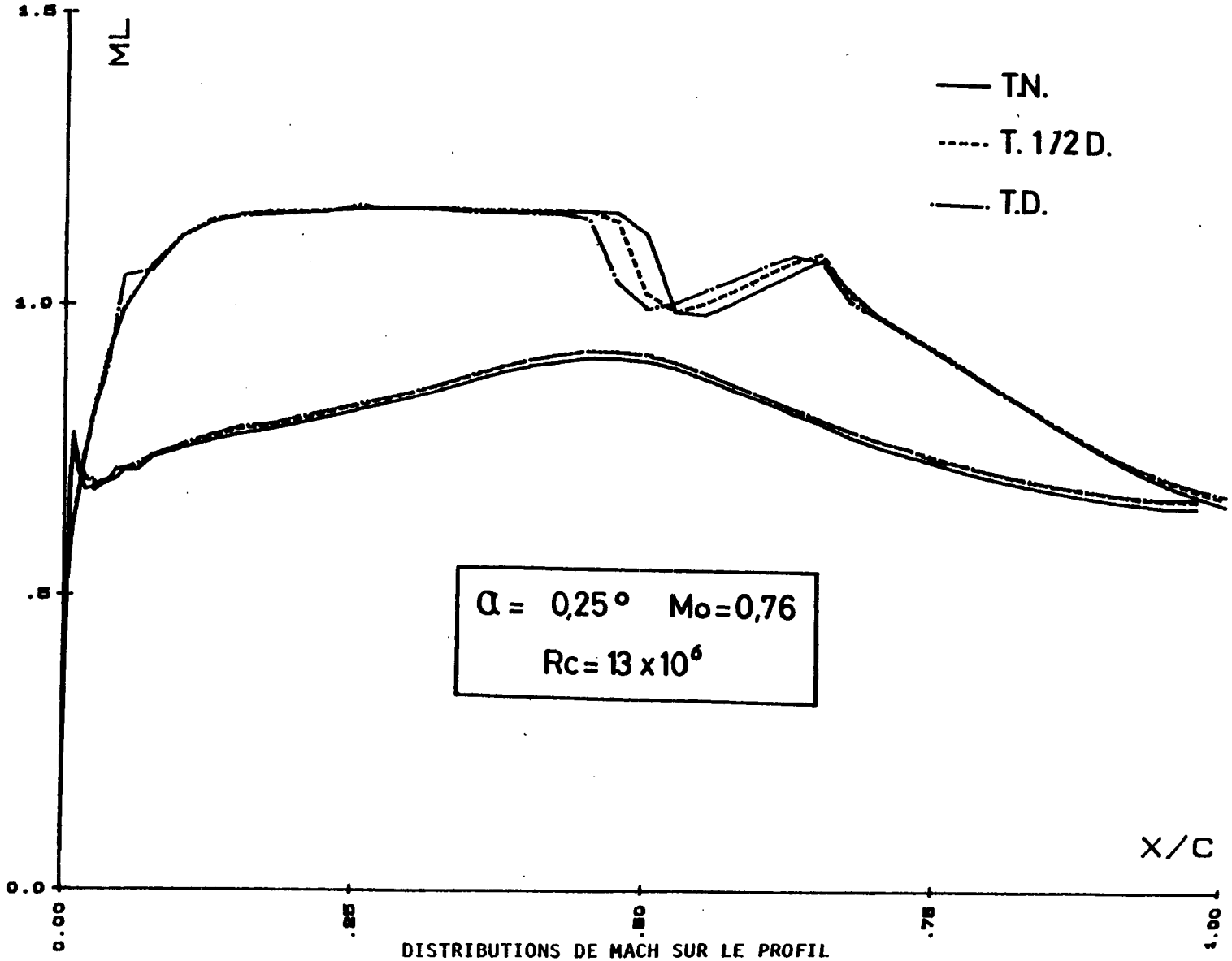




PL. 98

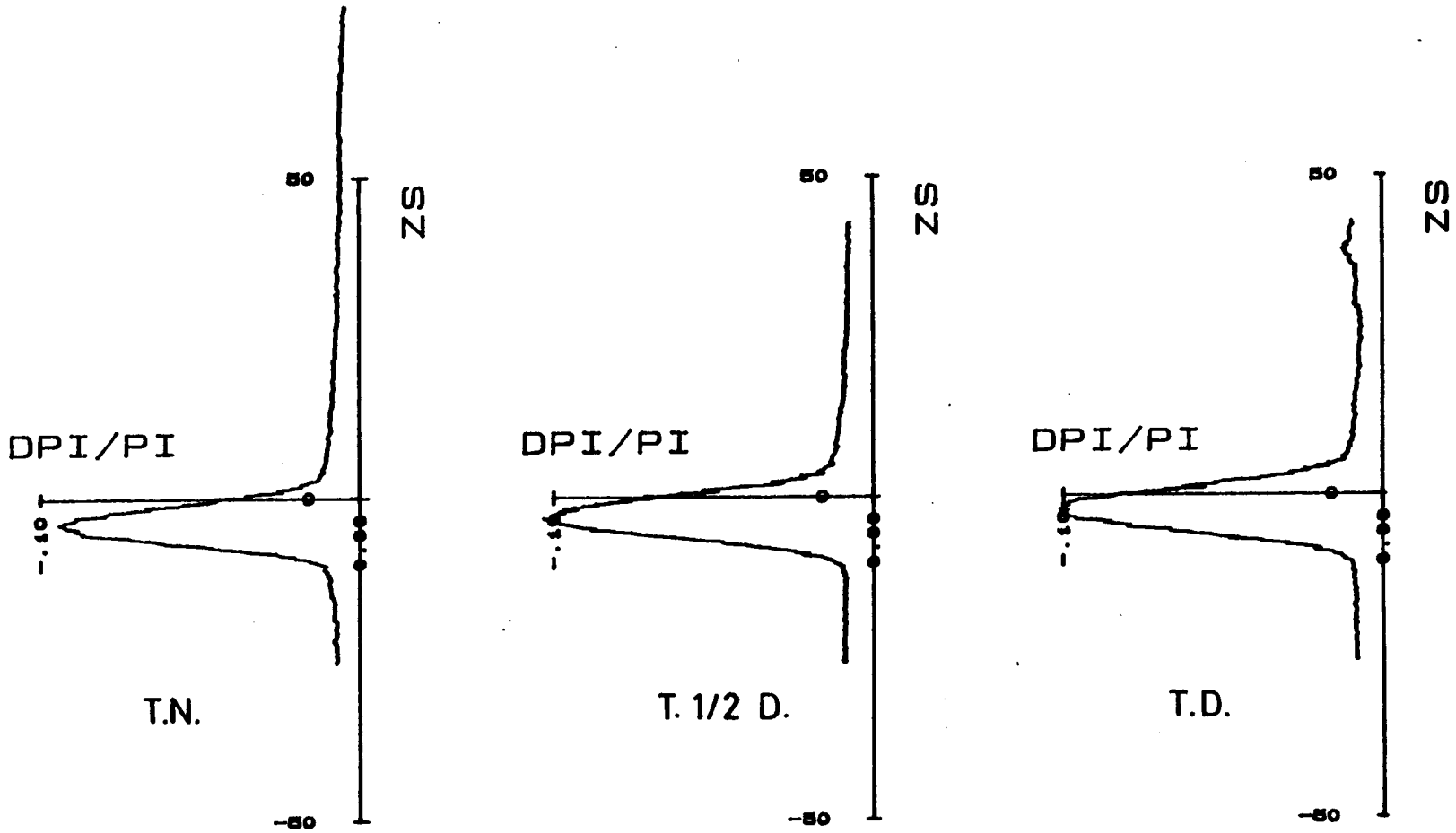
Mo= 0.76	α= 0,25°	Rc= 7,8 x 10^6

SONDAGES DES SILLAGES



DISTRIBUTIONS DE MACH SUR LE PROFIL

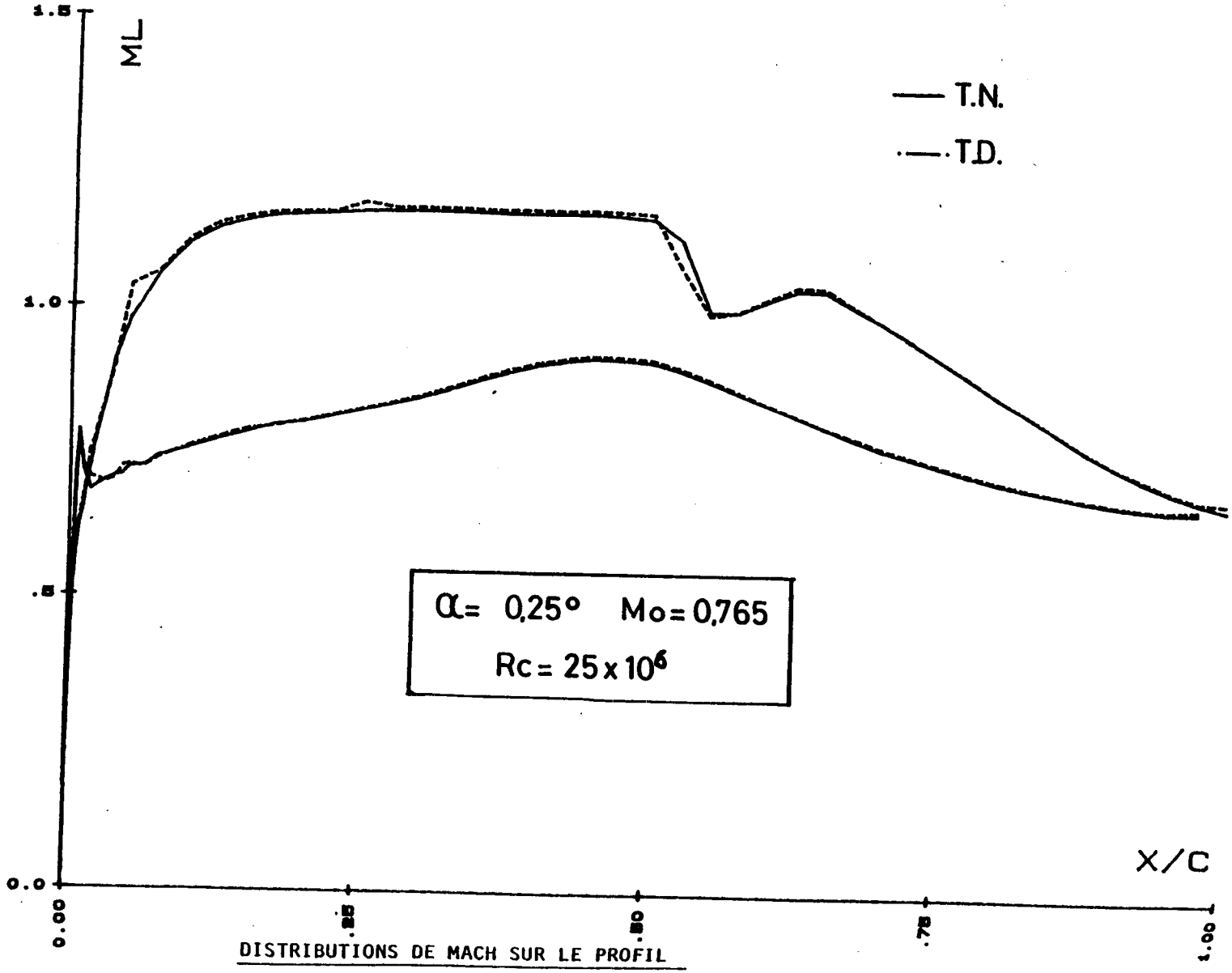
PL. 99



PL. 100

$M_o = 0.76$	$\alpha = 0{,}25°$	$R_c = 13 \times 10^6$

SONDAGES DES SILLAGES



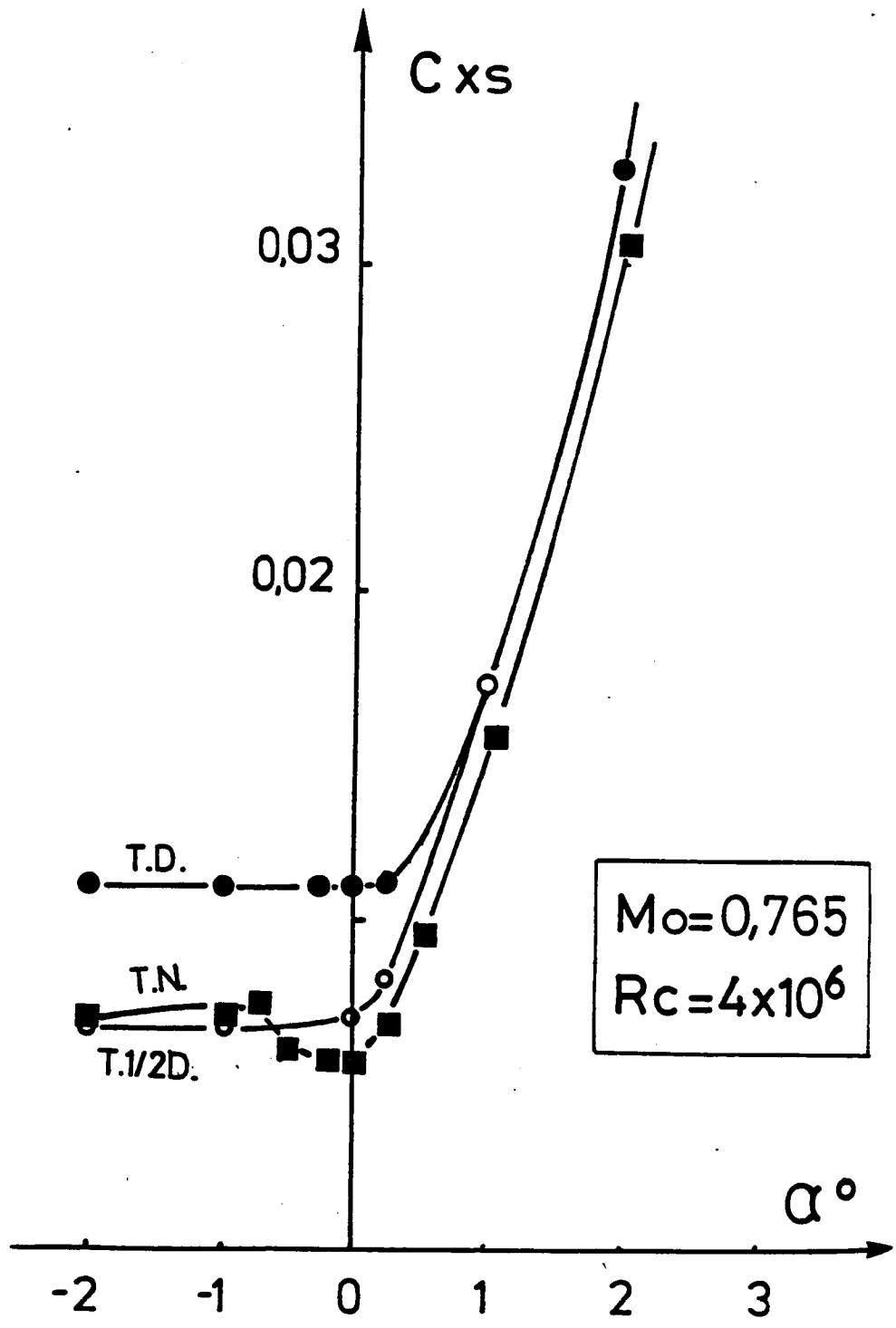
DISTRIBUTIONS DE MACH SUR LE PROFIL

PL. 101

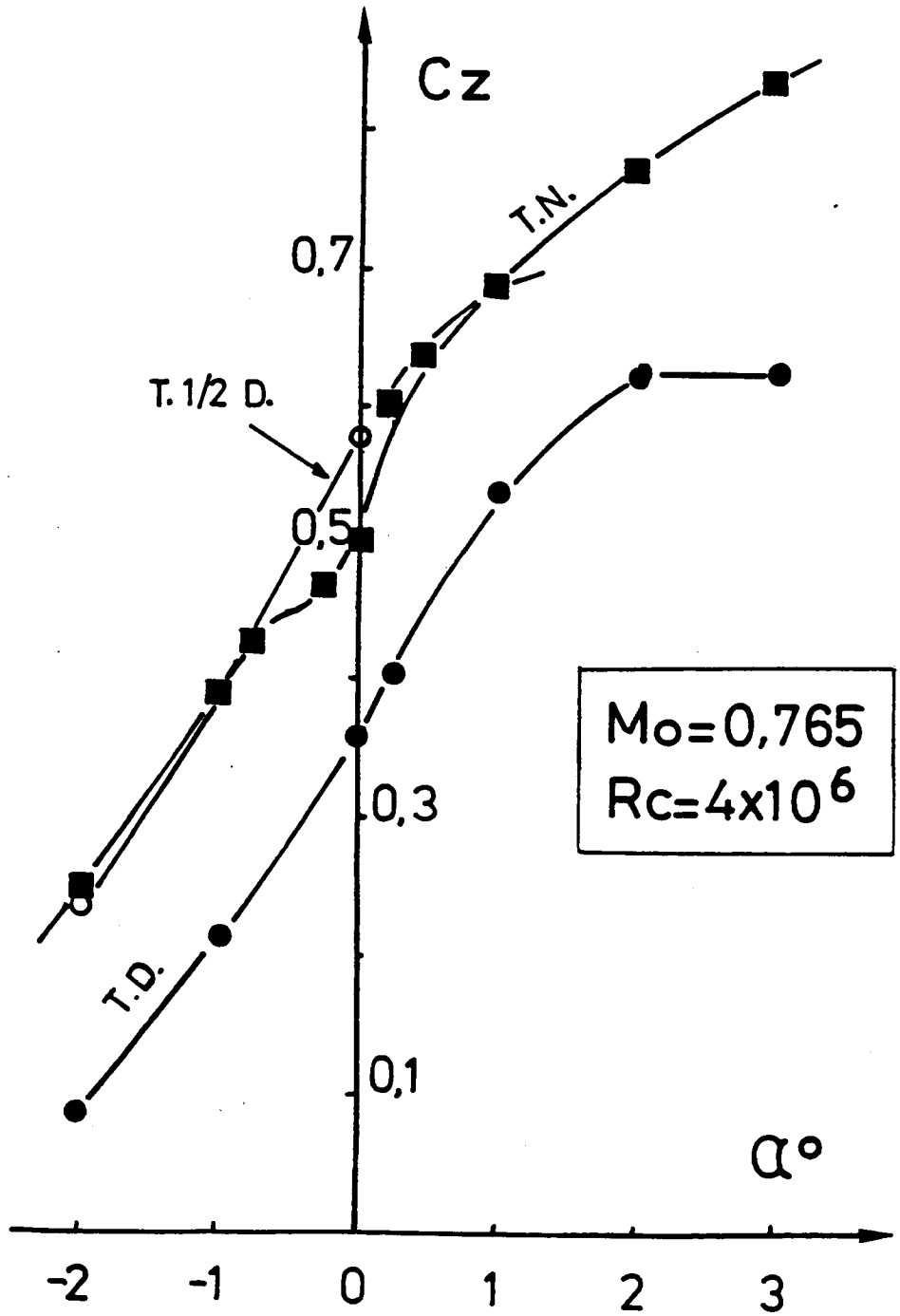
COMPARAISONS T.N. - T. 1/2 D. - T.D.

COEFFICIENTS AERODYNAMIQUES

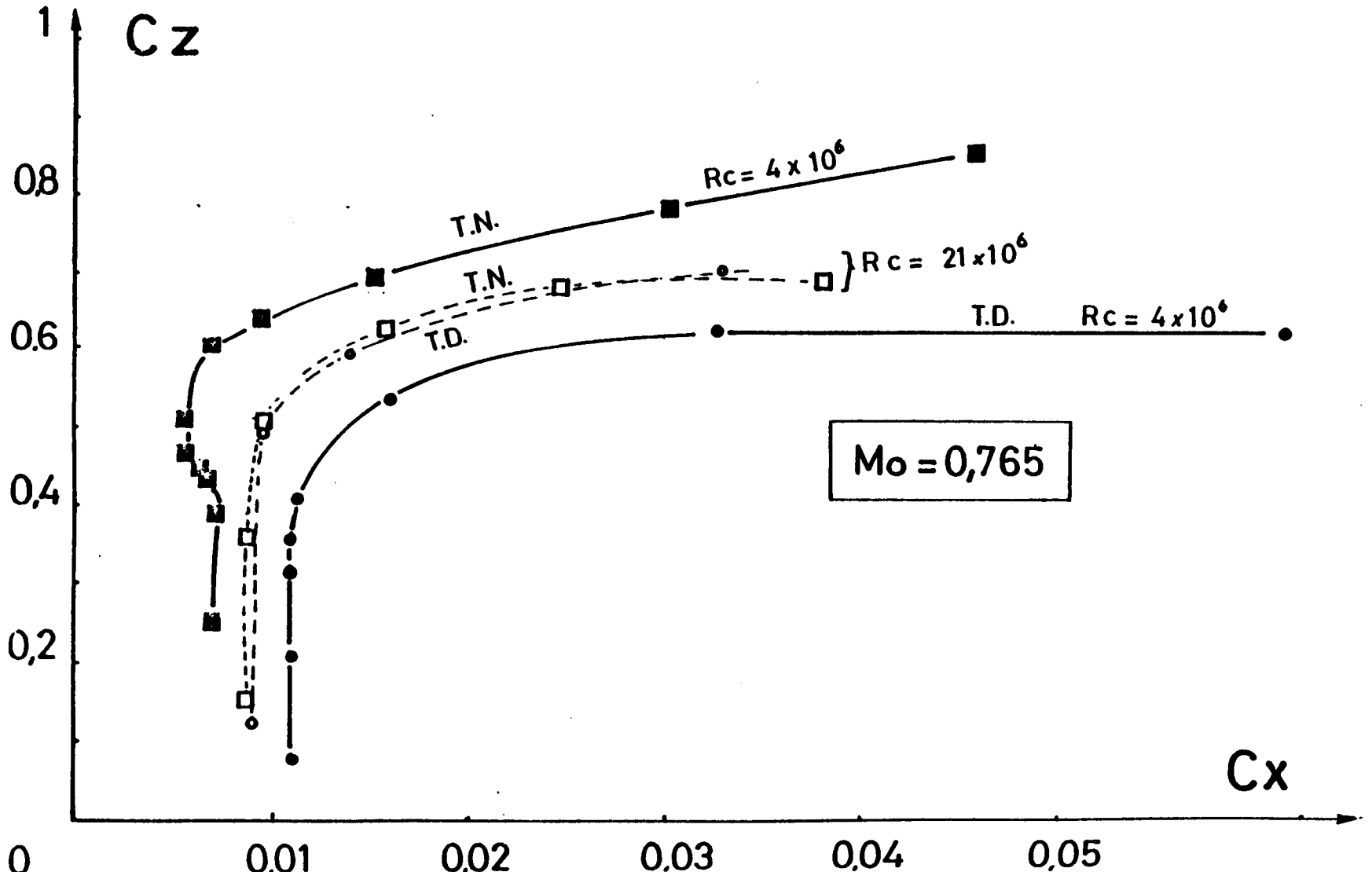
C_{xs} (α) à $R_c = 4.\ 10^6$	PL. 102
C_z (α) à $R_c = 4.\ 10^6$	PL. 103
Polaire à $R_c = 4.\ 10^6$ et $21.\ 10^6$	PL. 104



COEFFICIENT DE TRAINEE C_{xs} ($R_c = 4 \times 10^6$)



COEFFICIENT DE PORTANCE C_z ($R_c = 4 \times 10^6$)



POLAIRE C_z (C_{xs}) (R_c = 4 x 10^6 et 21 x 10^6)

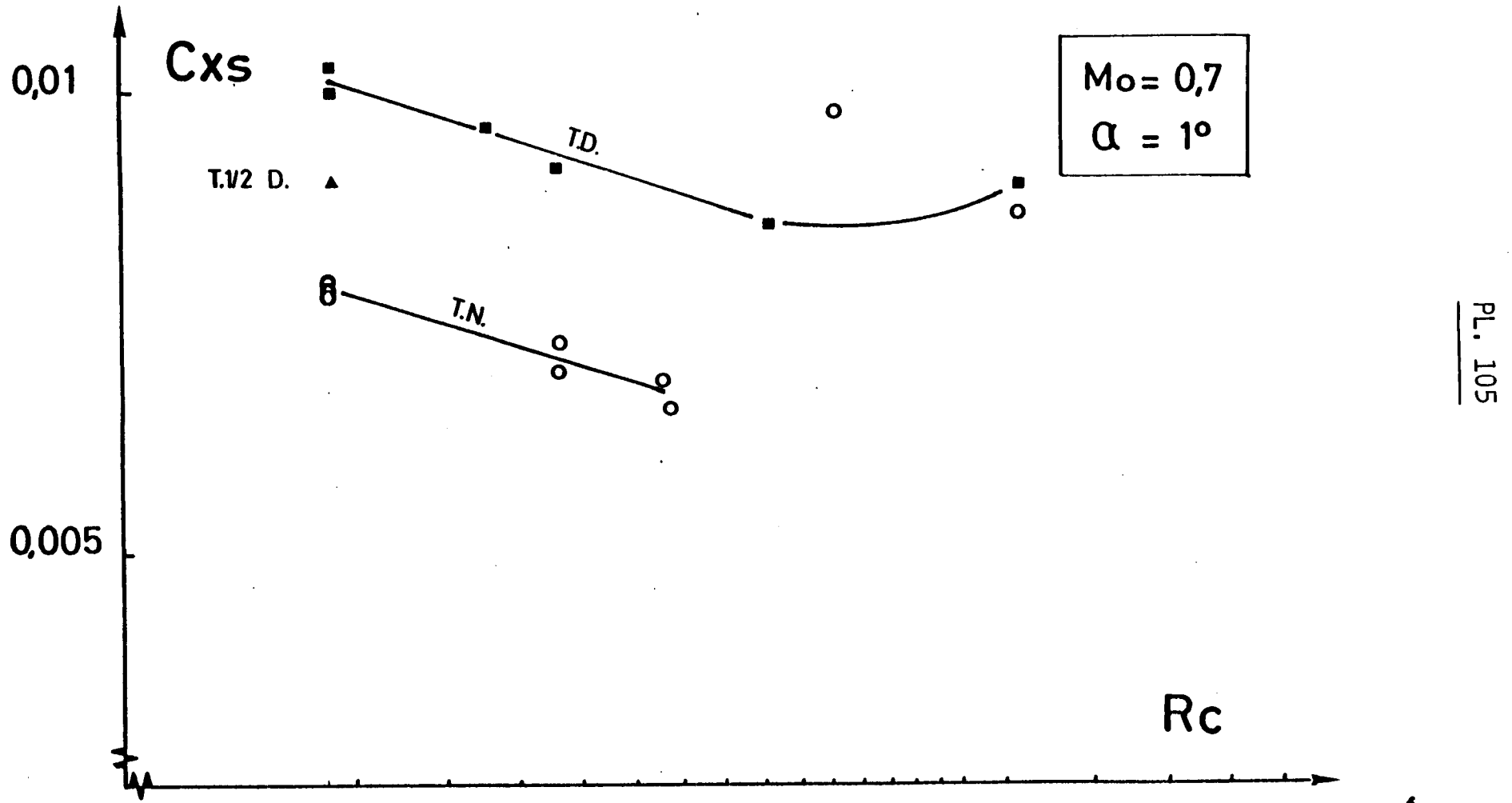
PL. 104

COMPARAISONS T.N. - T. 1.2 D. - T.D.

EVOLUTIONS DES COEFFICIENTS AERODYNAMIQUES EN FONCTION DU NOMBRE DE REYNOLDS

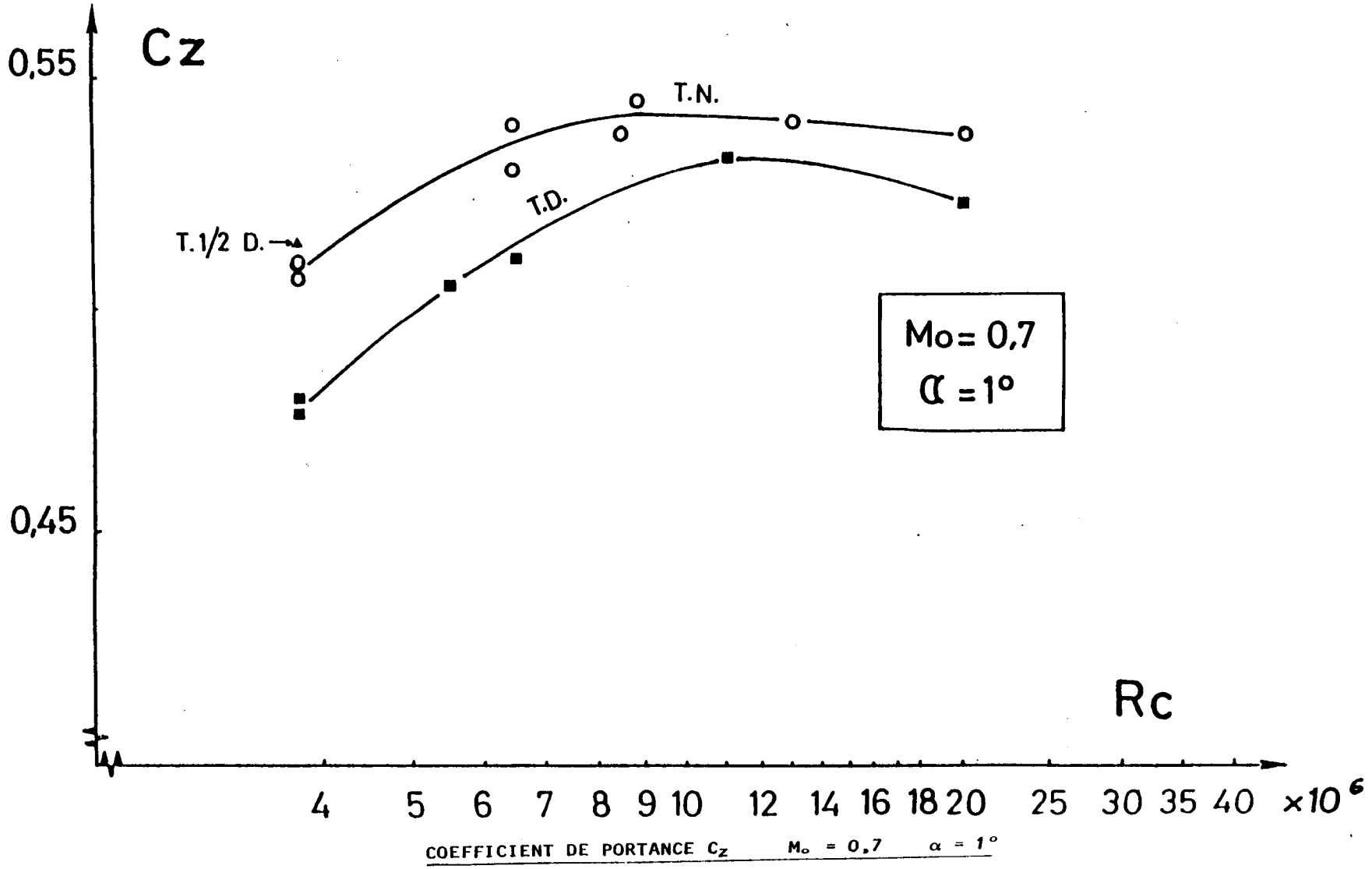
$C_{xs}\ (R_c)$, $C_z\ (R_c)$, $C_m\ (R_c)$

$M_o = 0,7$ et $\alpha = + 1°$	PL. 105 à 107
$M_o = 0,73$ et $\alpha = - 0,25°$	PL. 108 à 110
$M_o = 0,76$ et $\alpha = + 0,25°$	PL. 111 à 113
$M_o = 0,76$ et $\alpha = + 1°$	PL. 114 à 116
$M_o = 0,765$ et $\alpha = - 2°$	PL. 117 à 119
$M_o = 0,765$ et $\alpha = + 2°$	PL. 120 à 122



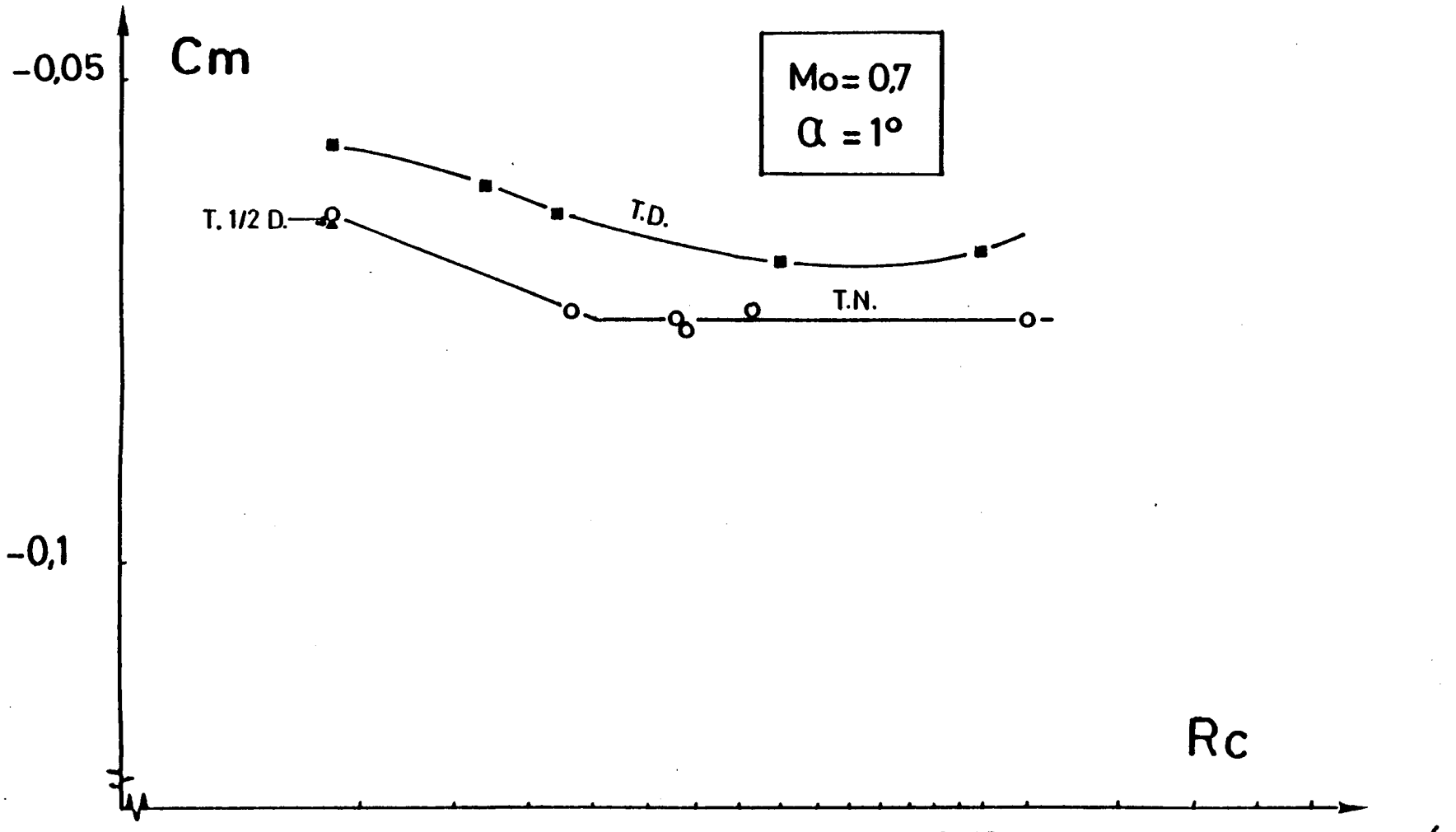
PL. 105

COEFFICIENT DE TRAINEE C_{xs} $M_o = 0,7$ $\alpha = 1°$



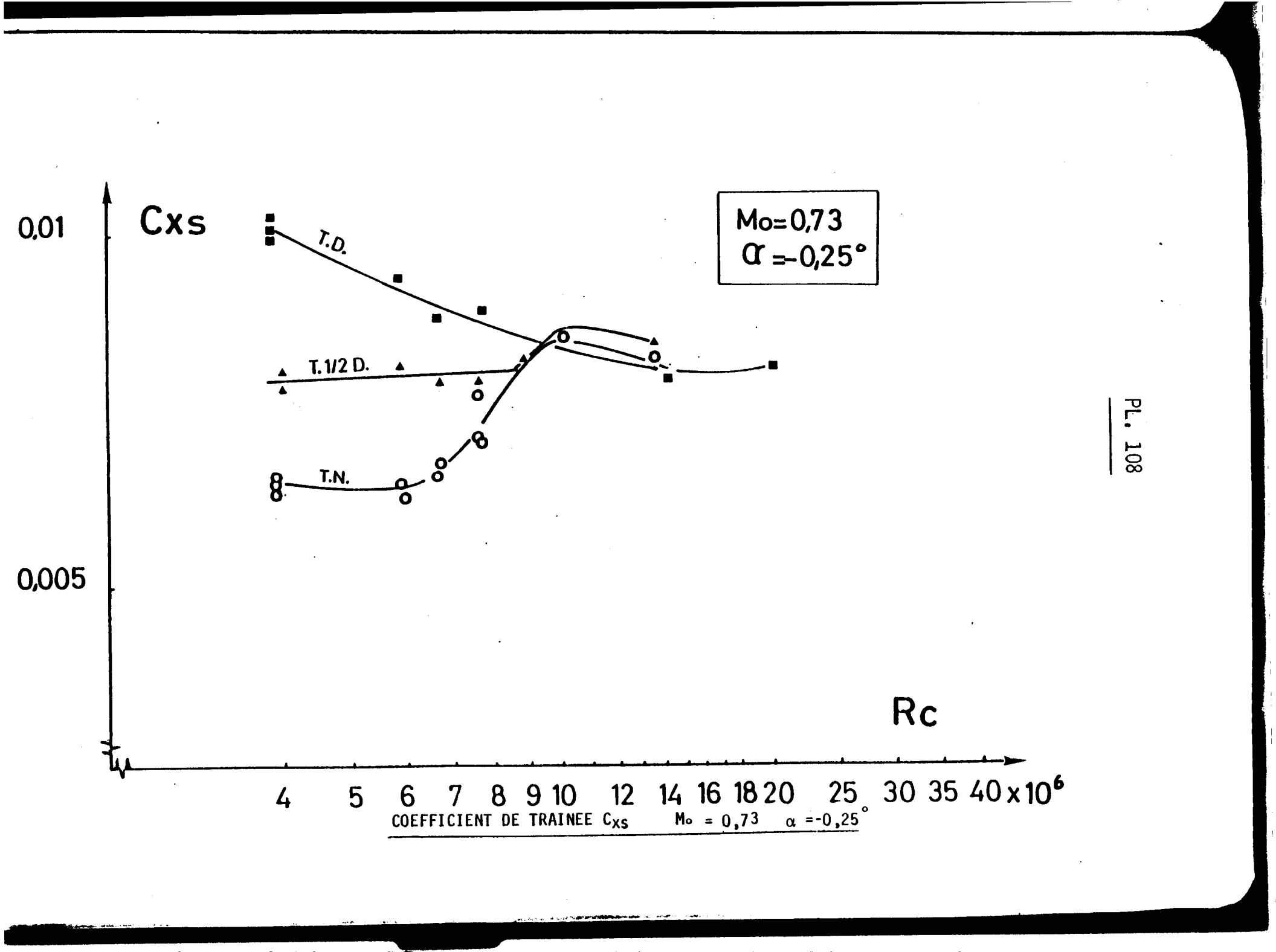
COEFFICIENT DE PORTANCE C_z $M_o = 0,7$ $\alpha = 1°$

PL. 106



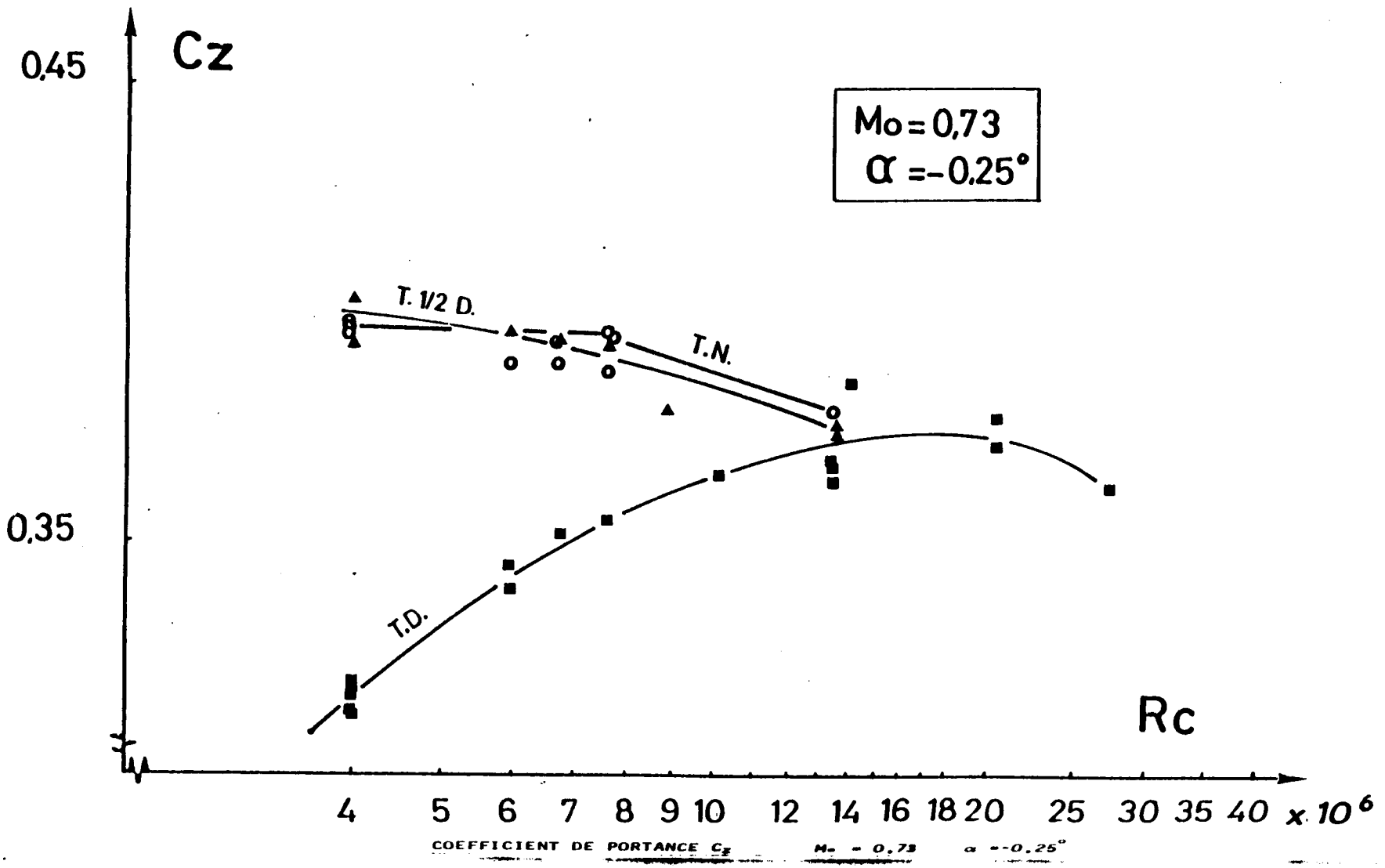
COEFFICIENT DE MOMENT DE TANGAGE C_m $M_o = 0,73$ $\alpha = 1°$

PL. 107



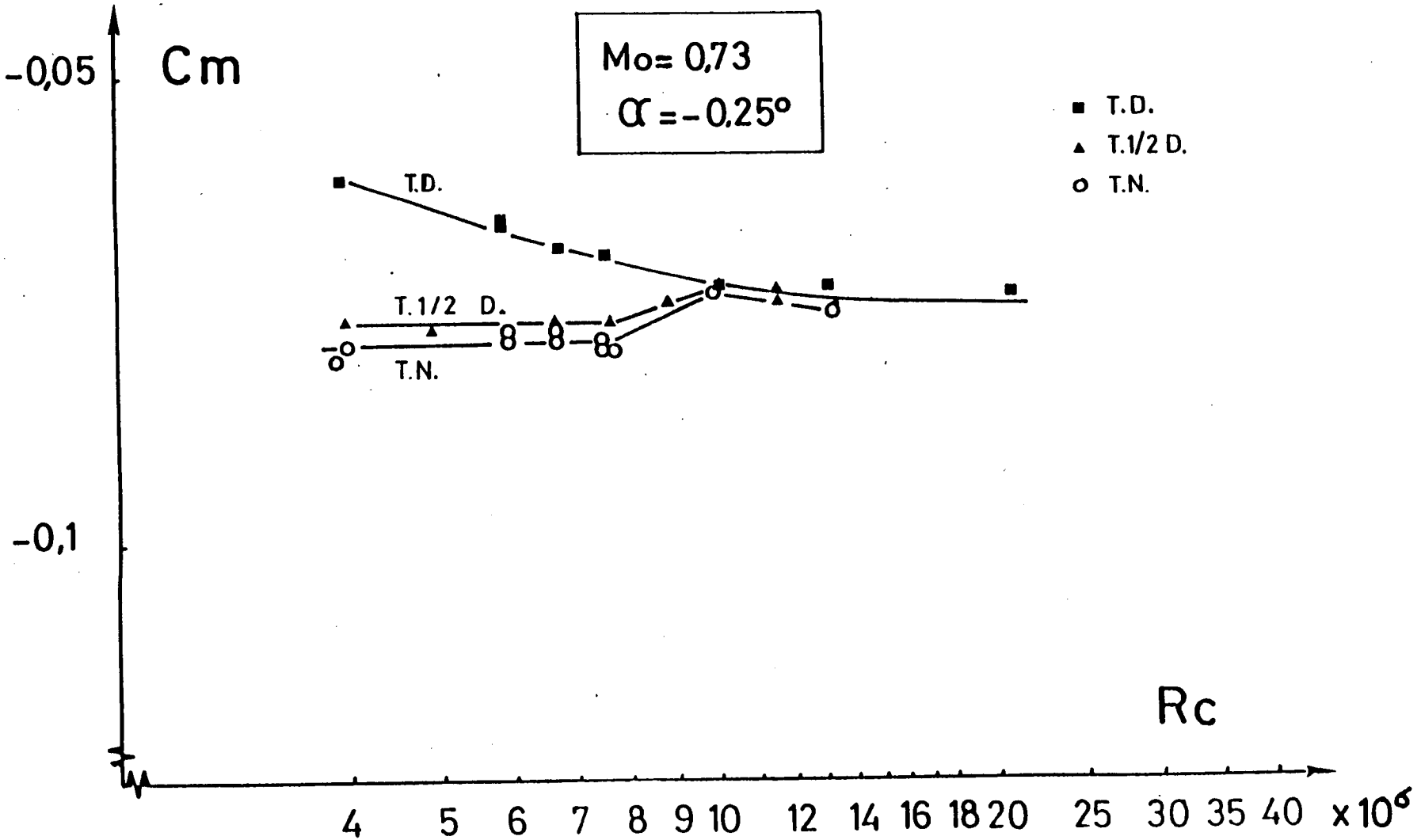
PL. 108

COEFFICIENT DE TRAINEE C_{xs} $M_o = 0,73$ $\alpha = -0,25°$



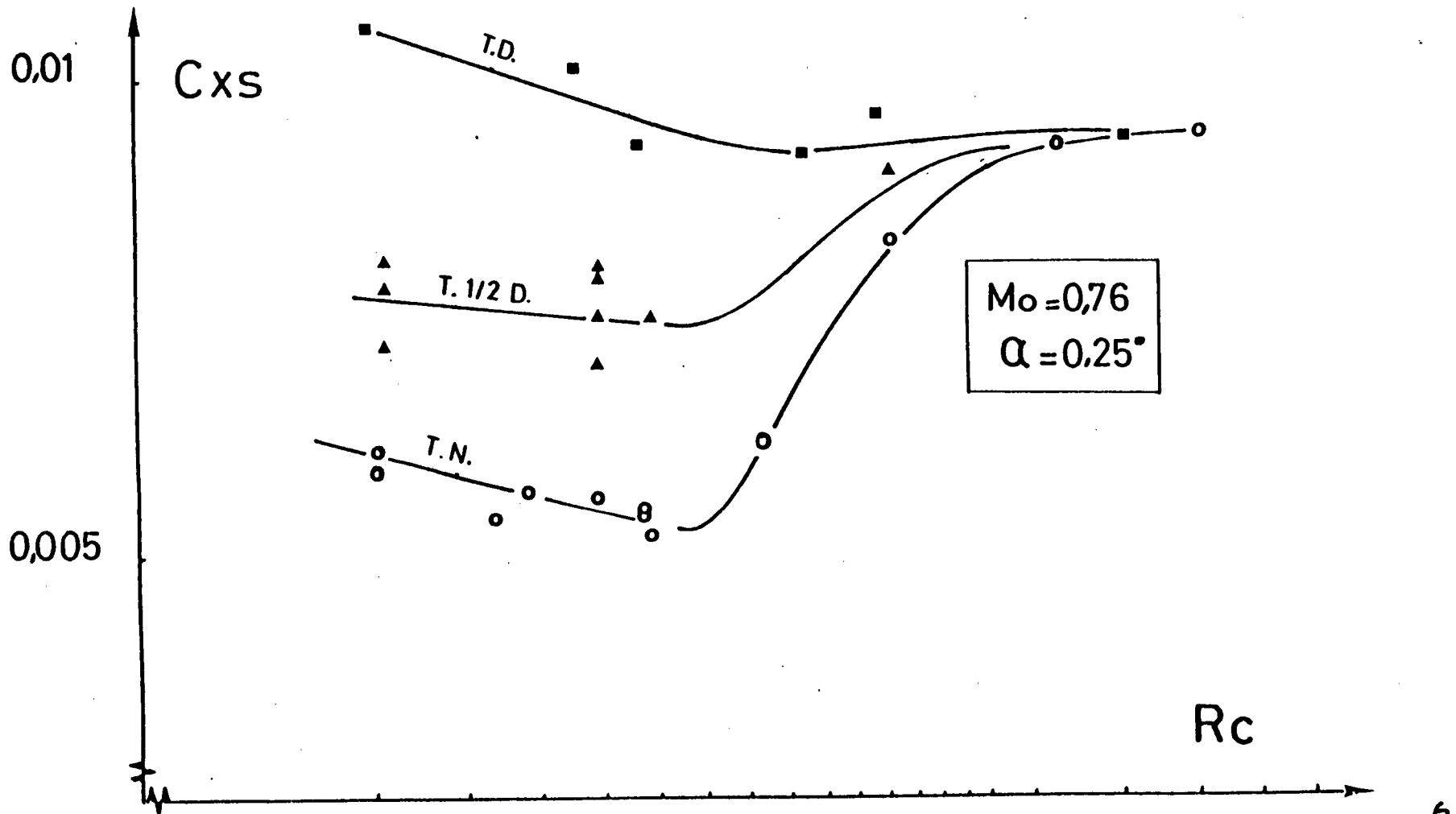
COEFFICIENT DE PORTANCE C_z $M_\infty = 0,73$ $\alpha = -0,25°$

PL. 109



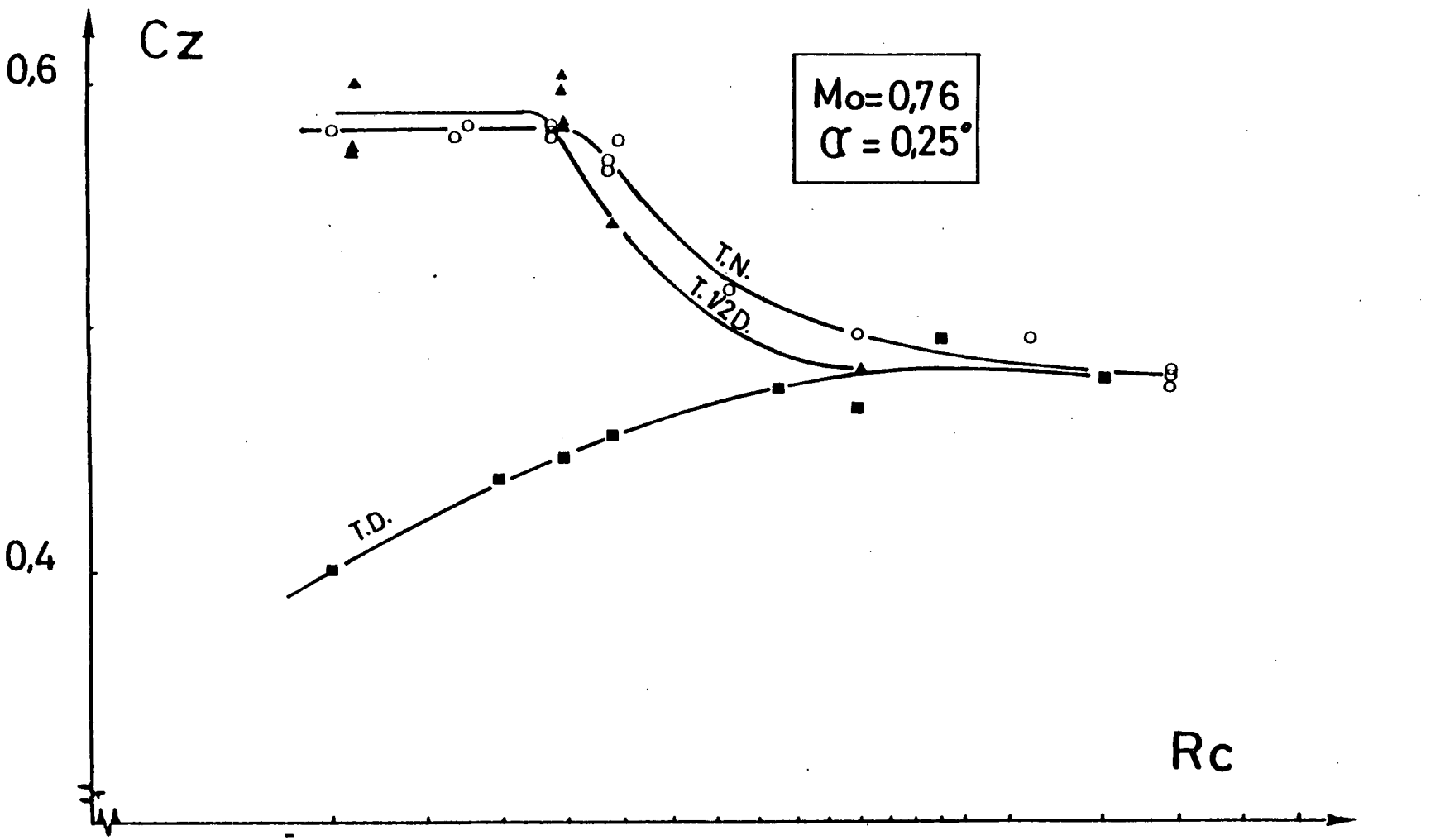
PL. 110

COEFFICIENT DE MOMENT DE TANGAGE C_m $M_o = 0,73$ $\alpha = -0,25°$



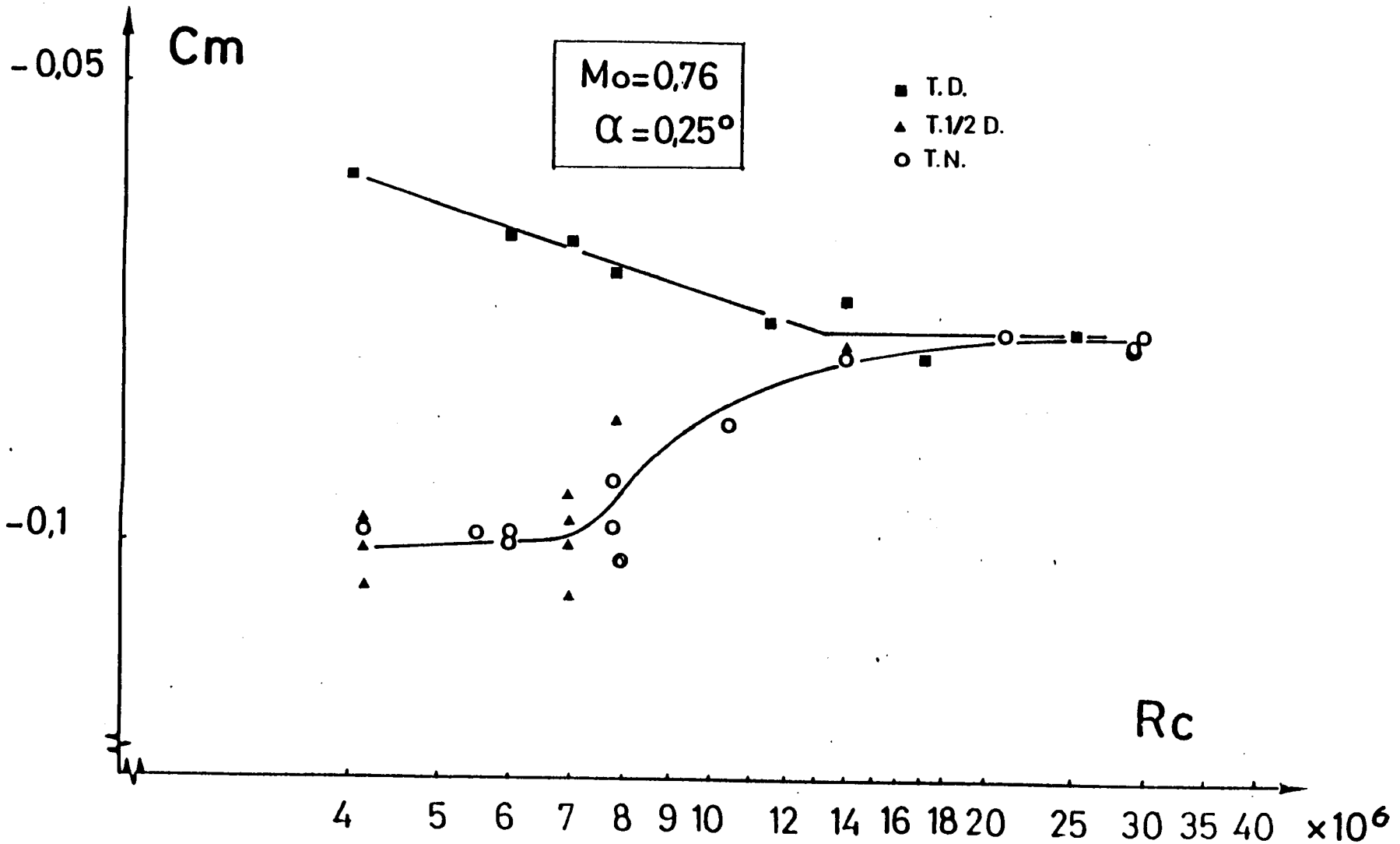
PL. 111

COEFFICIENT DE TRAINEE C_{xs} $M_o = 0,76$ $\alpha = 0,25^\circ$



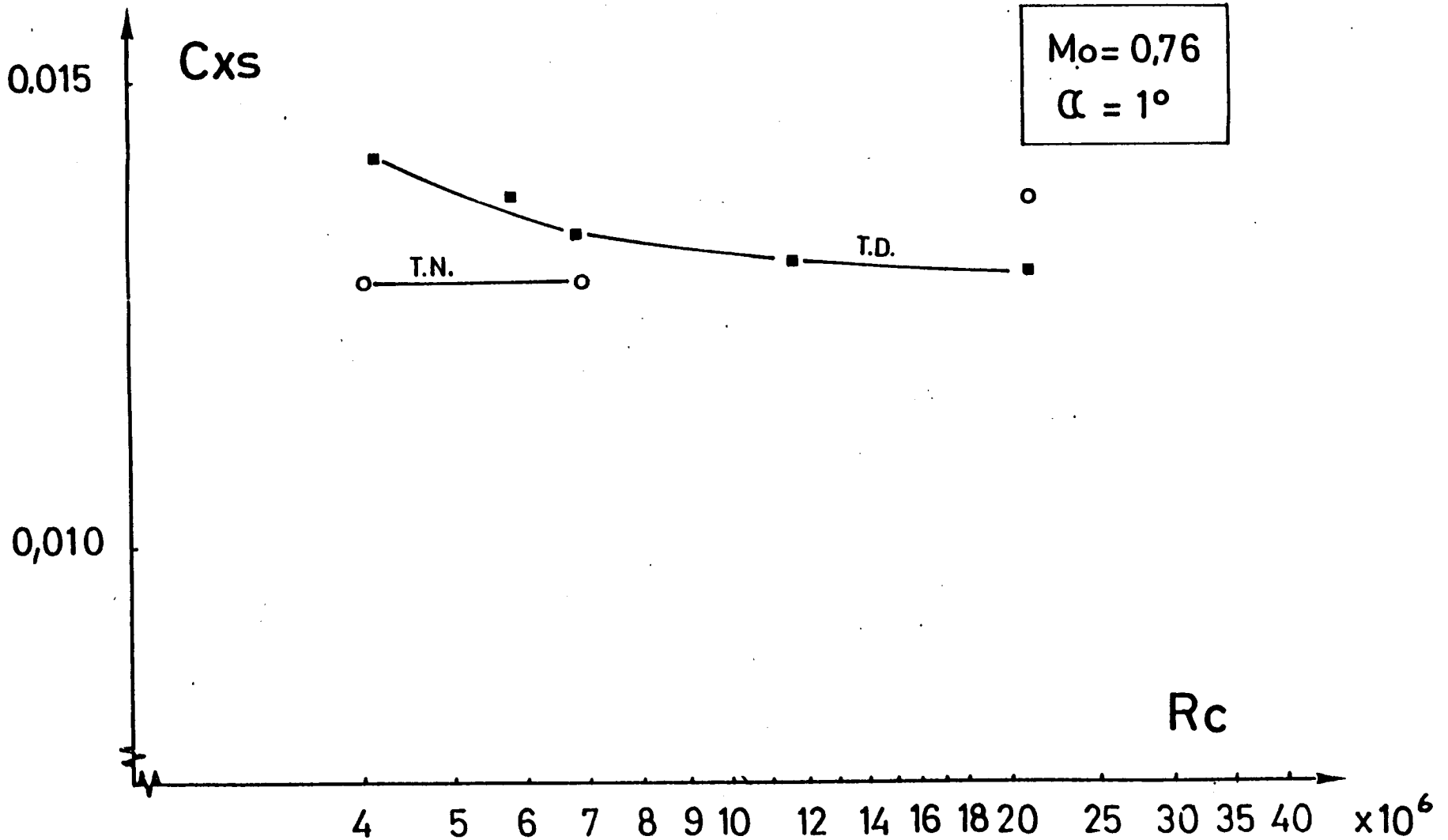
PL. 112

COEFFICIENT DE PORTANCE C_z $M_o = 0,76$ $\alpha = 0,25°$



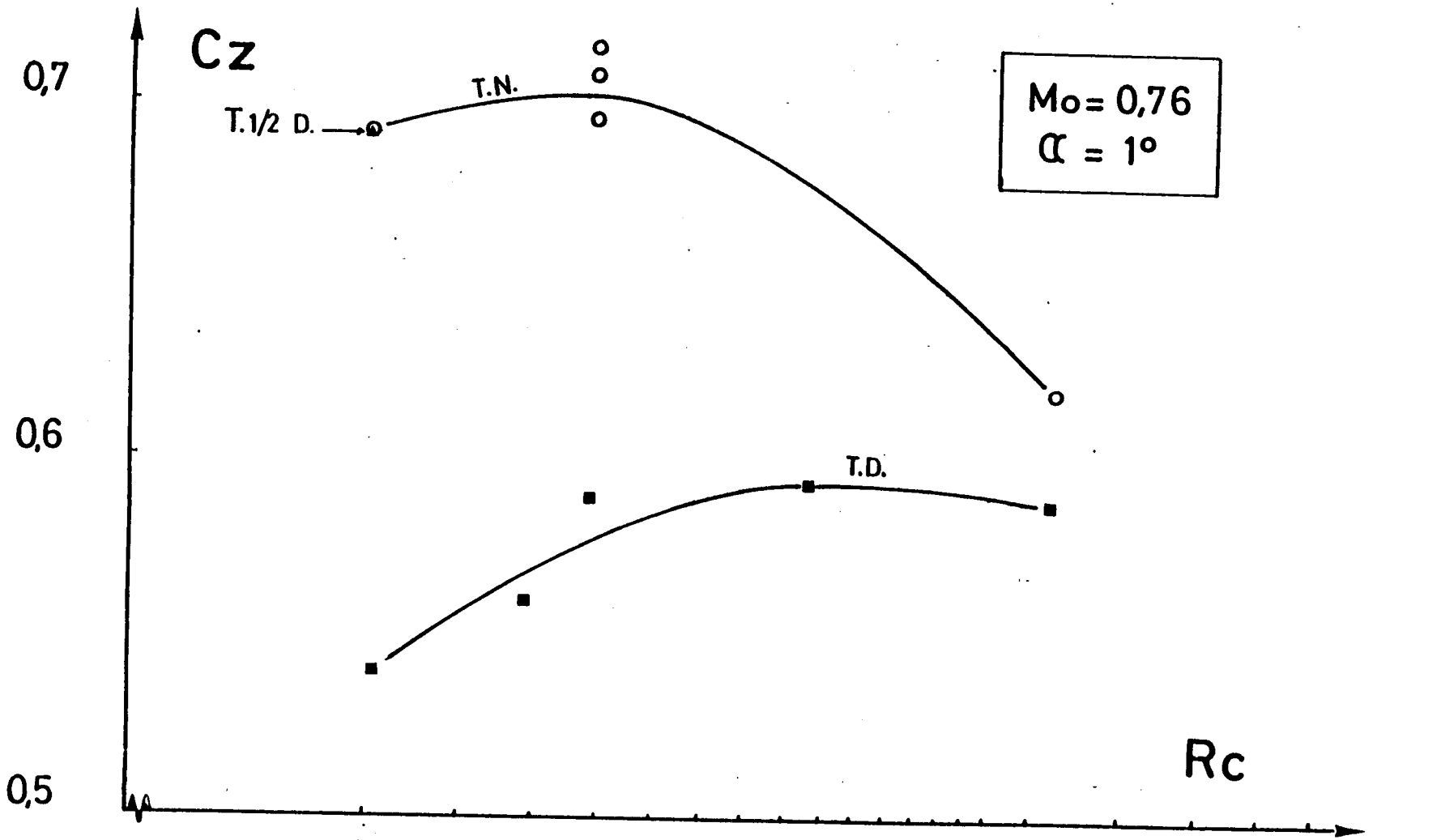
PL. 113

COEFFICIENT DE MOMENT DE TANGAGE C_m $M_o = 0,76$ $\alpha = 0,25°$



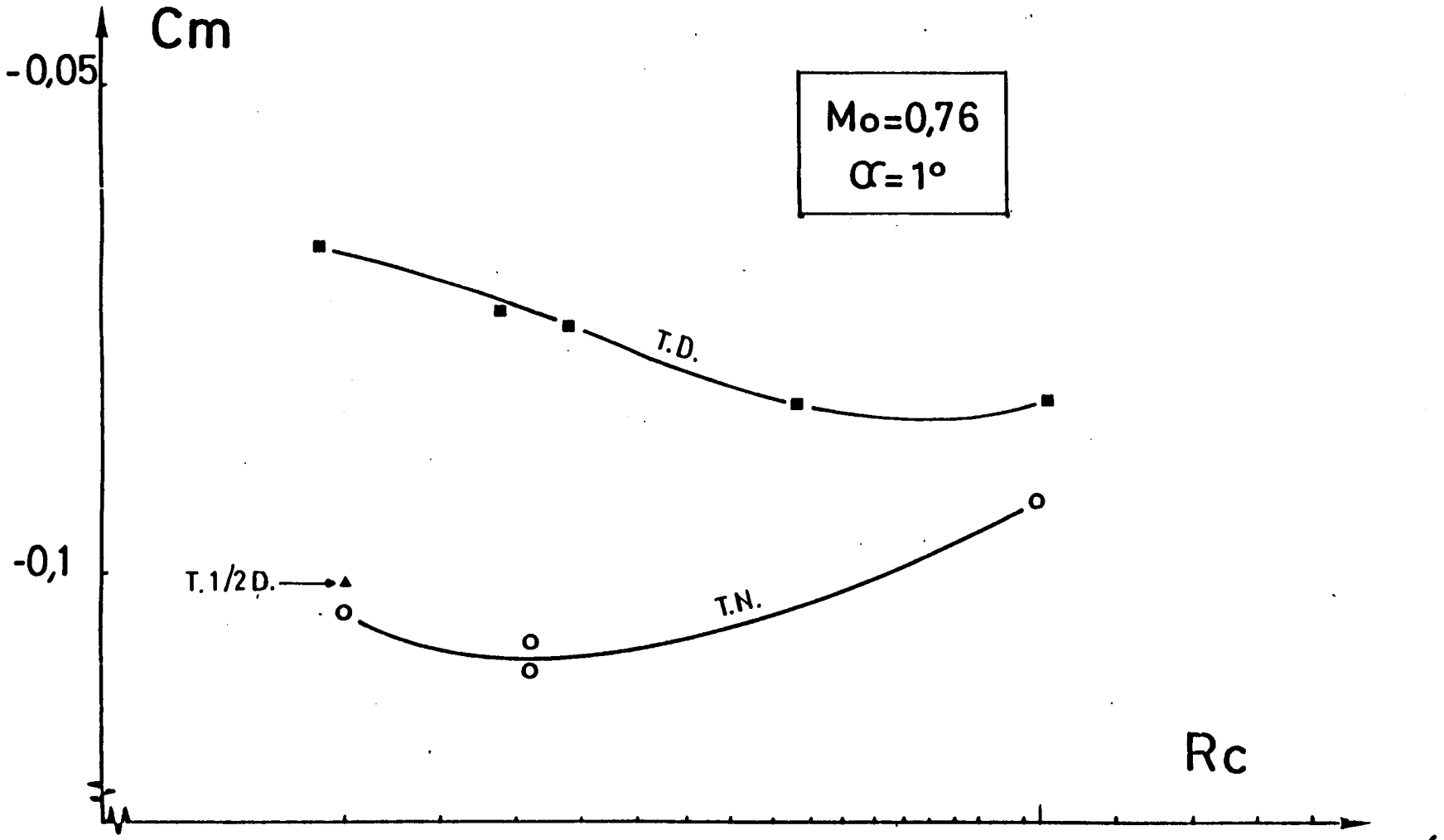
PL. 114

COEFFICIENT DE TRAINEE C_{XS} $M_o = 0,76$ $\alpha = 1°$



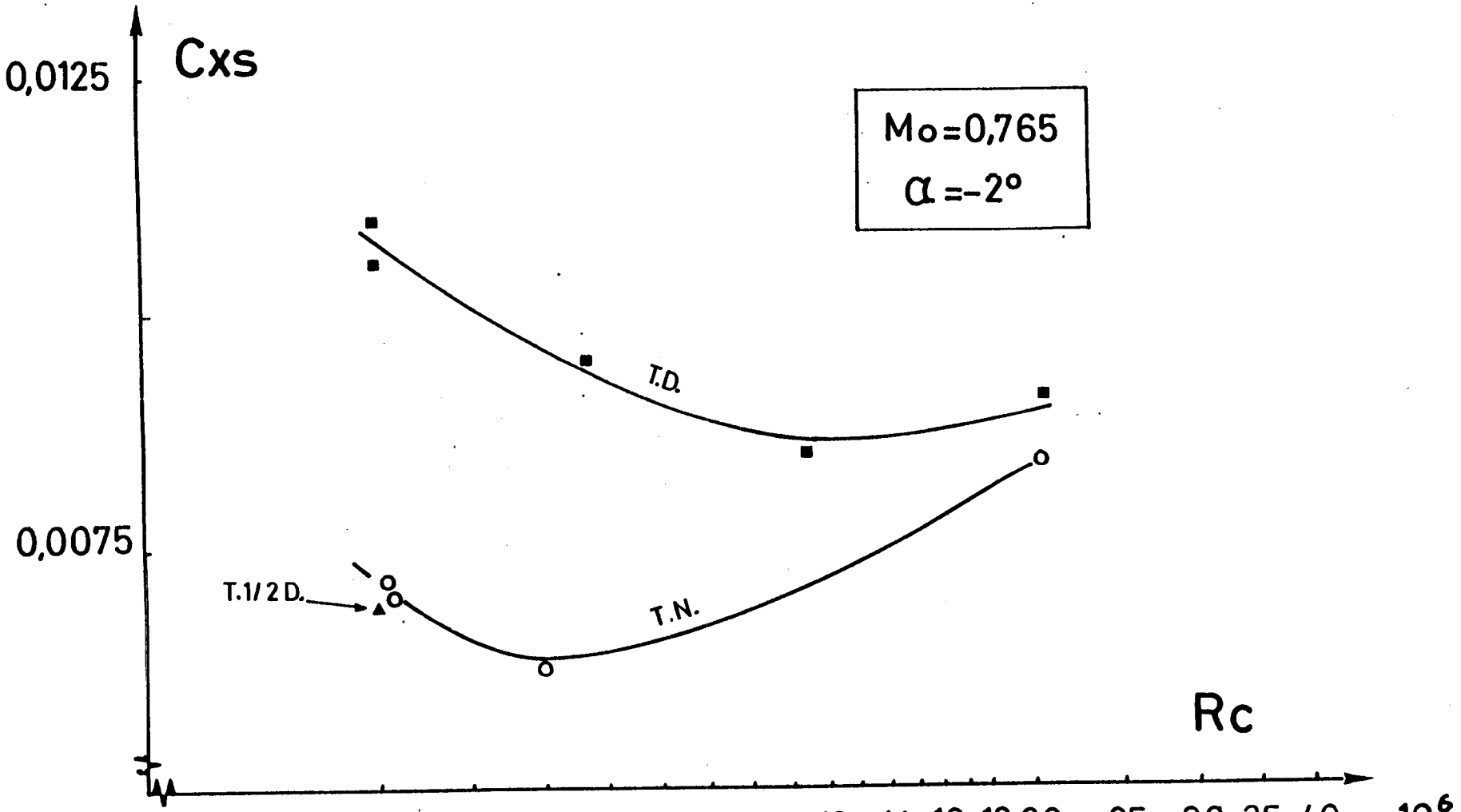
PL. 115

COEFFICIENT DE PORTANCE C_z $M_o = 0,76$ $\alpha = 1°$



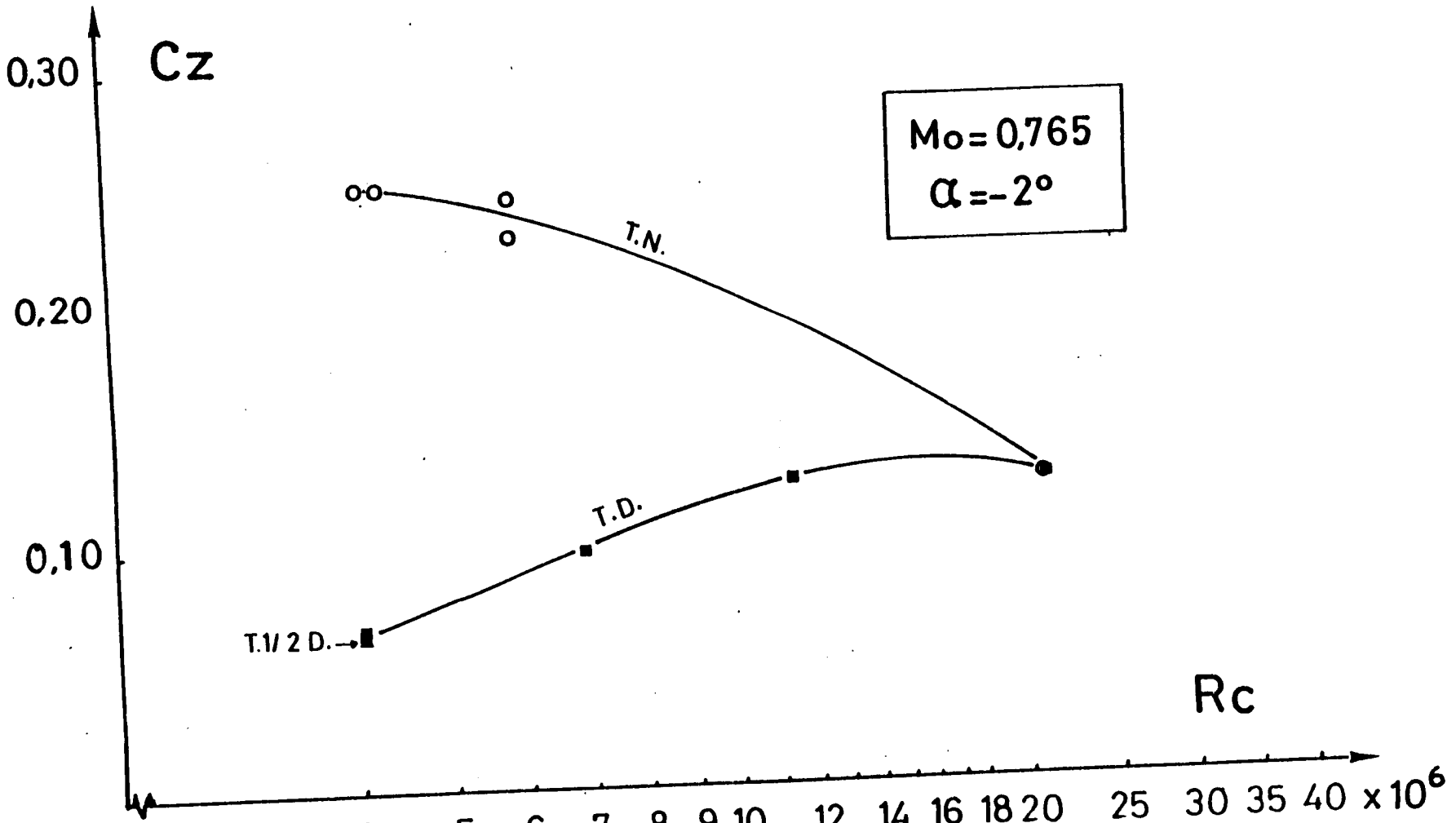
PL. 116

COEFFICIENT DE MOMENT DE TANGAGE C_m $M_o = 0,76$ $\alpha = 1°$



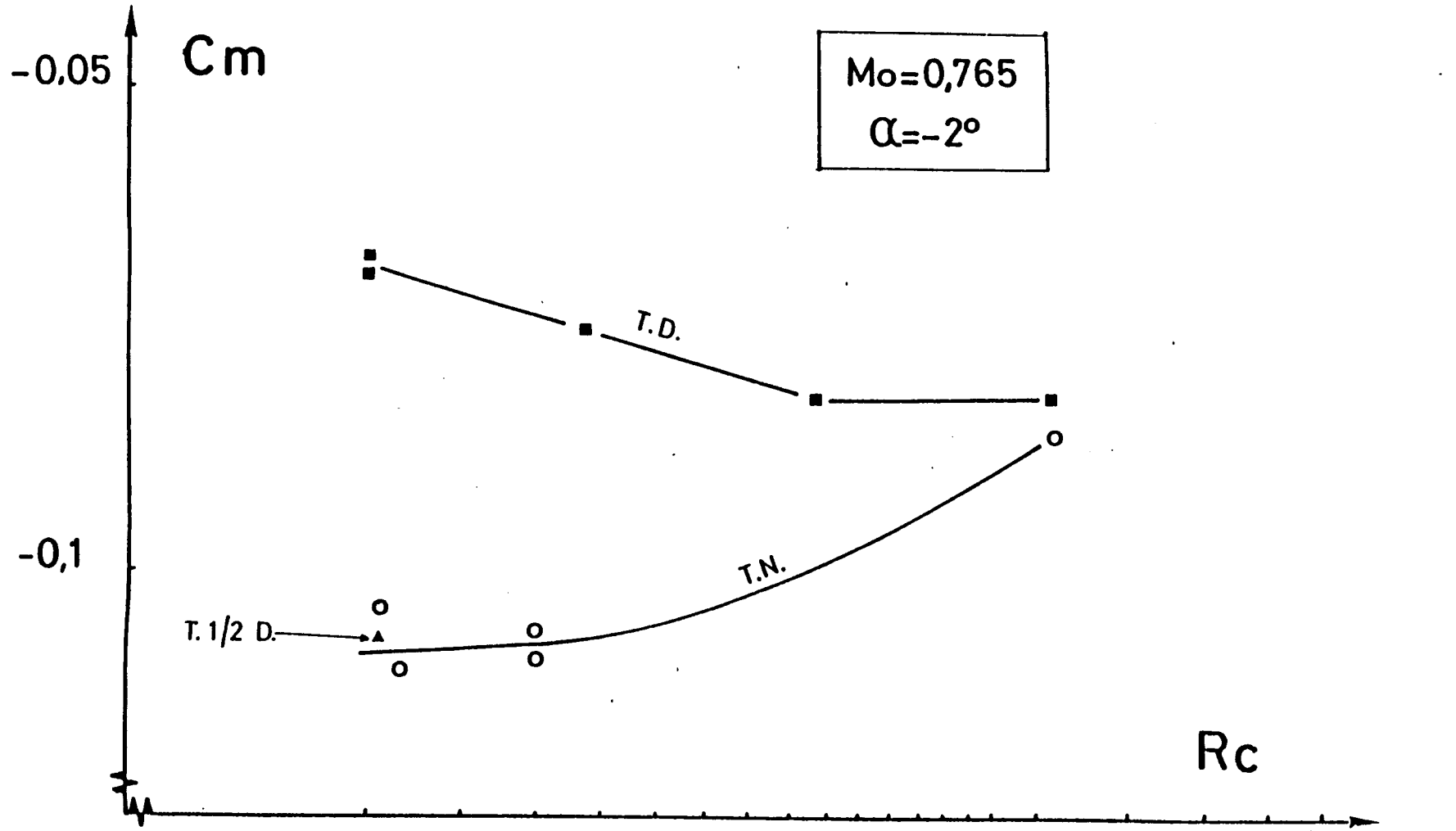
COEFFICIENT DE TRAINEE C_{xs} $M_o = 0,765$ $\alpha = -2°$

PL. 117



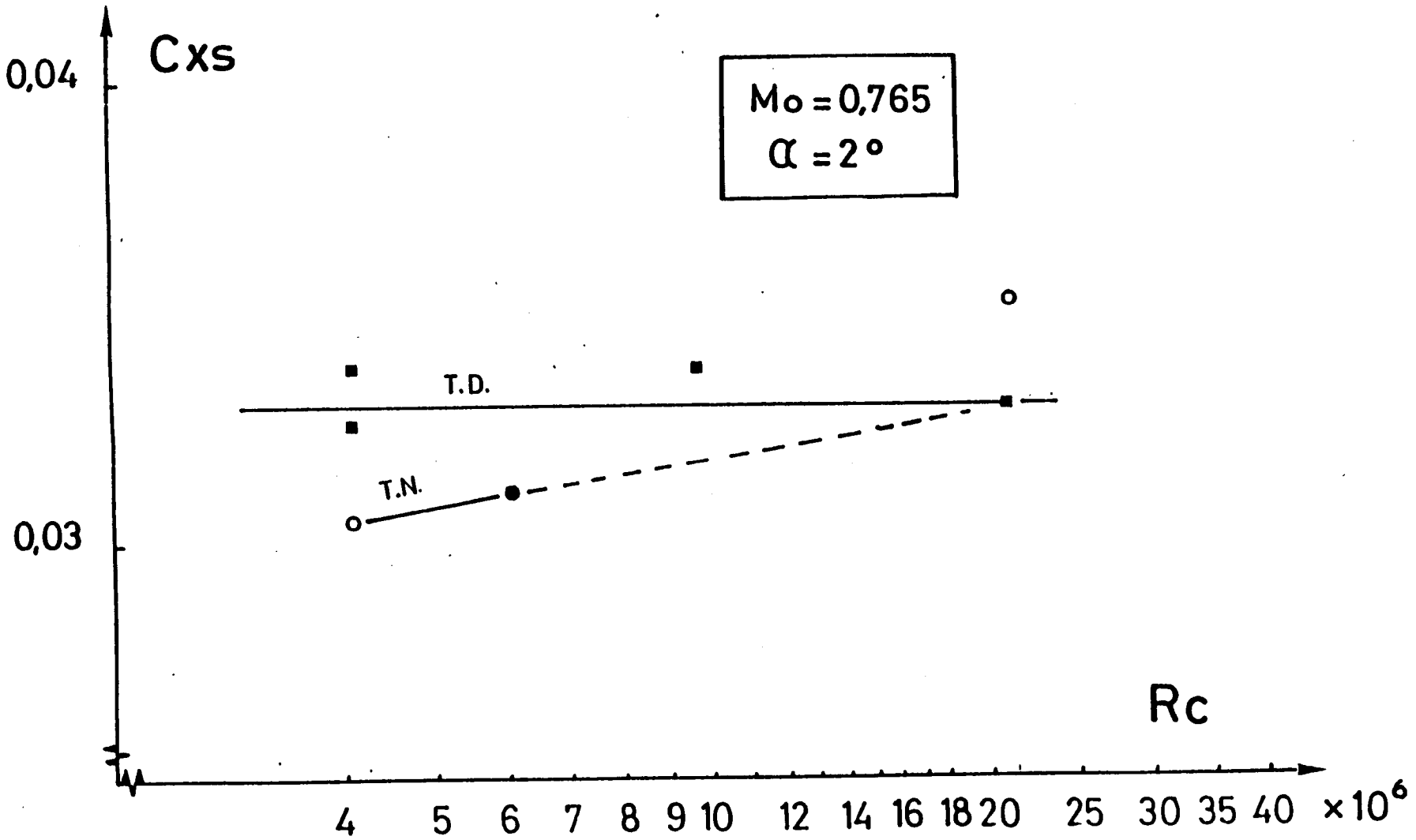
COEFFICIENT DE PORTANCE C_z $M_o = 0,765$ $\alpha = -2°$

PL. 118



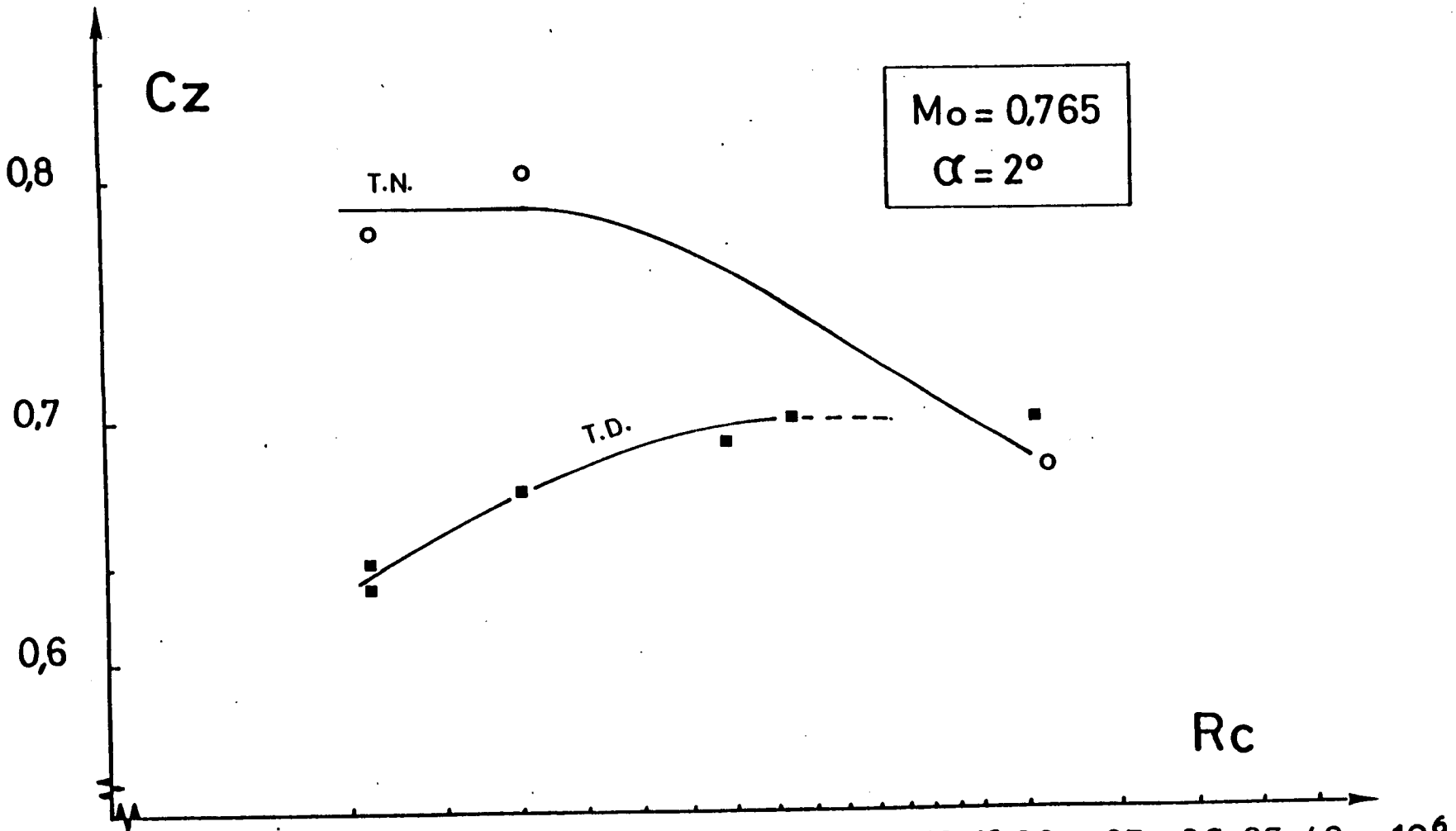
PL. 119

COEFFICIENT DE MOMENT DE TANGAGE C_m $M_o = 0,765$ $\alpha = -2°$



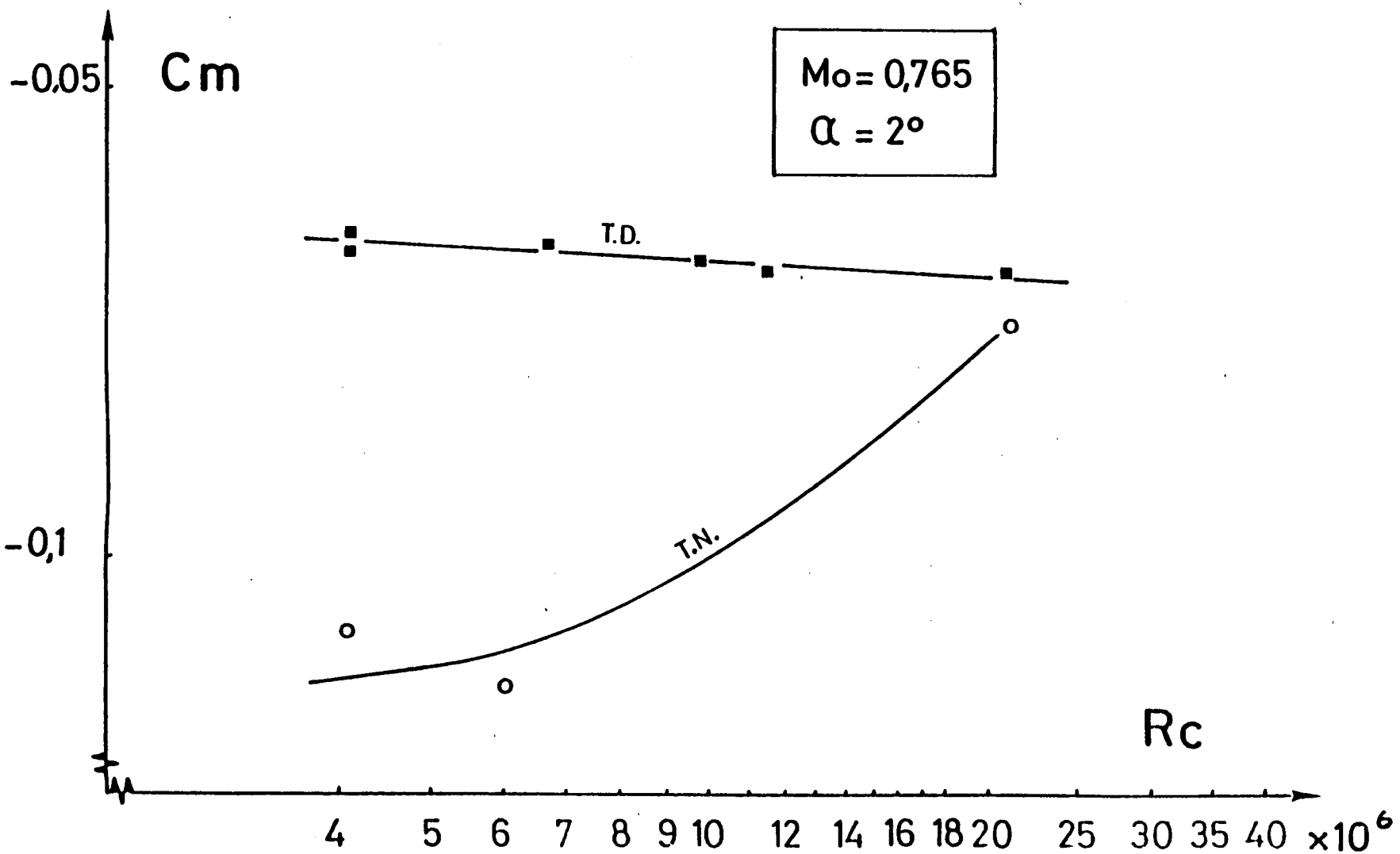
PL. 120

COEFFICIENT DE TRAINEE C_{xs} $M_o = 0,765$ $\alpha = + 2°$



COEFFICIENT DE PORTANCE C_z $M_o = 0,765$ $\alpha = +2°$

PL. 121



PL. 122

COEFFICIENT DE MOMENT DE TANGAGE C_m $M_o = 0,765$ $\alpha = + 2°$

A N N E X E

LISTINGS A LA DERNIERE ITERATION DES ESSAIS VALIDES

********** FICHIER AD204 N0(IT)= 4
1/ 3/84 15H30=.725 PI=1.7 TI=TA I=+0.00 (RM) AD204
DE AD 203 4IEME ITE

MACH DE REFERENCE= .7294 UINF= 238.233 M/S
TIV=293.6 K PIV= 1673 MB

I	MACH PAROIS HAUT	BAS		I	HAUT	BAS	I	MACH PROFIL EXT	I	INT	I	T(K) TPR
1	.732	.724	PRISES DOUBLES				1	.033	53	.653	1	290.7
2	.731	.727					2	.217	54	.653	2	289.6
3	.731	.724		59	.728	.722	3	.329	55	.657	3	290.7
4	.730	.725		60	.733	.731	4	.439	56	.662	4	290.4
5	.730	.726		61	.735	.724	5	.524	57	.669	5	289.5
6	.728	.725					6	.578	58	.676	6	289.7
7	.728	.724	PRISES LAT. GAUCHES				7	.619	59	.684	7	289.9
8	.729	.724					8	.648	60	.694	8	290.4
9	.730	.731		62	.730	.728	9	.679	61	.705	9	291.5
10	.731	.724		63	.729	.731	10	.717	62	.718	10	291.1
11	.731	.728		64	.732	.720	11	.752	63	.730	11	290.8
12	.729	.728		65	.740	.705	12	.791	64	.743	12	290.6
13	.732	.723		66	.760	.703	13	.892	65	.758	13	290.8
14	.729	.721		67	.777	.732	14	.962	66	.773	14	291.2
15	.730	.721		68	.776	.741	15	1.034	67	.791	15	291.4
16	.731	.721		69	.769	.731	16	1.071	68	.810	16	291.5
17	.732	.719		70	.757	.712	17	1.085	69	.828	17	291.0
18	.733	.716		71	.742	.712	18	1.092	70	.845	18	291.4
19	.733	.714		72	.733	.722	19	1.084	71	.861	19	291.3
20	.736	.711		73	.732	.731	20	1.054	72	.870		
21	.742	.707					21	1.037	73	.873	I	TPG
22	.747	.704	PRISES LAT. DROITES				22	1.026	74	.875		
23	.752	.699					23	1.020	75	.870	1	293.6
24	.756	.700		74	.730	.726	24	1.014	76	.862	2	293.6
25	.761	.705		75	.729	.725	25	1.006	77	.854	3	293.5
26	.765	.710		76	.729	.726	26	.995	78	.843	4	293.5
27	.769	.716		77	.730	.721	27	.974	79	.830	5	293.5
28	.774	.727		78	.732	.717	28	.979	80	.818		
29	.776	.734		79	.735	.713	29	.987	81	.807		
30	.776	.739		80	.741	.706	30	.991	82	.796		
31	.778	.738		81	.753	.702	31	.994	83	.786		
32	.777	.744		82	.758	.704	32	.999	84	.775		
33	.775	.744		83	.768	.716	33	.999	85	.766		
34	.773	.739		84	.776	.731	34	1.002	86	.760		
35	.771	.737		85	.778	.740	35	1.005	87	.748		
36	.770	.734		86	.774	.742	36	1.008	88	.734		
37	.768	.728		87	.771	.738	37	1.003	89	.721		
38	.766	.722		88	.769	.730	38	.996	90	.708		
39	.764	.717		89	.763	.719	39	.976	91	.699		
40	.760	.714		90	.755	.713	40	.953	92	.695		
41	.757	.710		91	.746	.709	41	.928	93	.688		
42	.756	.709		92	.744	.713	42	.900	94	.683		
43	.751	.706		93	.736	.718	43	.872	95	.679		
44	.745	.706		94	.736	.722	44	.841	96	.682		
45	.742	.706		95	.734	.726	45	.810	97	.682		
46	.742	.708		96	.732	.726	46	.781	98	.715		
47	.744	.713					47	.752	99	.760		
48	.741	.716					48	.725	100	.702		
49	.739	.718					49	.702	101	.568		
50	.733	.720					50	.683	102	.410		
51	.733	.722					51	.666	103	.282		
52	.735	.726		PRISES COL			52	.653				
53	.736	.727										
54	.735	.727		.794	1.181		REFERENCE PROFIL					
55	.735	.726		.838	.959		.731					
56	.733	.725		.899	.859		.730					
57	.731	.724		.952	.806		.729					
58	.727	.722		1.122	.765		.728					

********** FICHIER AD205 N0(IT)= 4
5/ 3/85 11H25 M=.76 PI=1.7 TI=TA I=+0.00 (RM) AD205
DE AD204 4 IEME ITE

MACH DE REFERENCE= .7637 UINF= 248.458 M/S
TIV=294.0 K PIV= 1727 MB

I	MACH PAROIS HAUT	BAS	I	PRISES DOUBLES HAUT	BAS	I	MACH PROFIL EXT	I	INT	I	T(K) TPR
1	.769	.756				1	.031	53	.651	1	289.3
2	.769	.760				2	.223	54	.657	2	287.8
3	.768	.758	59	.764	.757	3	.337	55	.663	3	287.5
4	.765	.758	60	.770	.767	4	.452	56	.672	4	287.9
5	.764	.761	61	.769	.755	5	.540	57	.680	5	288.2
6	.764	.760				6	.593	58	.690	6	288.5
7	.764	.759		PRISES LAT. GAUCHES		7	.632	59	.701	7	288.7
8	.764	.758				8	.664	60	.712	8	288.8
9	.765	.766	62	.766	.762	9	.695	61	.724	9	290.7
10	.767	.759	63	.763	.766	10	.733	62	.738	10	290.3
11	.767	.763	64	.770	.753	11	.771	63	.753	11	289.9
12	.763	.762	65	.780	.734	12	.811	64	.766	12	289.8
13	.767	.756	66	.803	.731	13	.917	65	.783	13	290.0
14	.765	.754	67	.832	.766	14	.994	66	.800	14	290.5
15	.766	.754	68	.827	.774	15	1.073	67	.820	15	290.4
16	.767	.754	69	.818	.758	16	1.121	68	.842	16	288.9
17	.769	.751	70	.807	.739	17	1.148	69	.863	17	288.3
18	.772	.748	71	.779	.742	18	1.163	70	.883	18	288.6
19	.773	.745	72	.769	.754	19	1.176	71	.901	19	289.2
20	.775	.742	73	.764	.765	20	1.180	72	.915		
21	.781	.736				21	1.181	73	.920	I	TPG
22	.788	.728		PRISES LAT. DROITES		22	1.186	74	.922		
23	.794	.721				23	1.188	75	.916	1	293.9
24	.798	.724	74	.766	.761	24	1.189	76	.906	2	293.9
25	.802	.733	75	.765	.758	25	1.189	77	.897	3	293.9
26	.810	.739	76	.765	.761	26	1.189	78	.884	4	293.9
27	.817	.747	77	.765	.754	27	1.190	79	.869	5	293.8
28	.827	.760	78	.769	.752	28	1.191	80	.854		
29	.831	.769	79	.773	.744	29	1.193	81	.841		
30	.832	.774	80	.781	.735	30	1.196	82	.830		
31	.834	.773	81	.795	.724	31	1.198	83	.818		
32	.832	.779	82	.800	.733	32	1.199	84	.806		
33	.829	.776	83	.816	.747	33	1.194	85	.796		
34	.825	.769	84	.830	.766	34	1.180	86	.788		
35	.820	.765	85	.832	.775	35	1.168	87	.774		
36	.819	.760	86	.826	.774	36	1.159	88	.758		
37	.817	.752	87	.820	.767	37	1.155	89	.741		
38	.816	.745	88	.818	.756	38	1.121	90	.729		
39	.816	.739	89	.814	.744	39	.959	91	.720		
40	.811	.737	90	.804	.739	40	.958	92	.716		
41	.808	.734	91	.788	.740	41	.966	93	.704		
42	.806	.733	92	.782	.744	42	.946	94	.700		
43	.796	.733	93	.772	.750	43	.923	95	.695		
44	.787	.735	94	.771	.754	44	.893	96	.699		
45	.782	.736	95	.768	.765	45	.860	97	.696		
46	.780	.739	96	.764	.765	46	.829	98	.729		
47	.781	.743				47	.797	99	.772		
48	.778	.747				48	.768	100	.711		
49	.774	.750				49	.736	101	.572		
50	.769	.753				50	.708	102	.411		
51	.772	.754				51	.680	103	.282		
52	.768	.756		PRISES COL		52	.647				
53	.770	.759									
54	.771	.761		.831	1.205		REFERENCE PROFIL				
55	.770	.761		.871	.903		.764				
56	.767	.761		.924	.853		.764				
57	.763	.761		.971	.818		.764				
58	.754	.763		1.139	.786		.763				

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******************************   FICHIER AD206      N0(IT)=  4
 5/ 3/85 15H 0  M=.695 PI=1.7 TI=TA    I=+0.00 (RM  ) AD206
DE AD204 4 IEME ITE
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        MACH DE REFERENCE= .6984       UINF=  228.830 M/S
                    TIV=293.1 K        PIV=  1629 MB
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MACH PAROIS I	HAUT	BAS	I	HAUT	BAS	MACH PROFIL I	EXT	I	INT	T(K) I	TPR
1	.701	.692	PRISES DOUBLES			1	.028	53	.625	1	289.9
2	.700	.695				2	.219	54	.625	2	288.8
3	.700	.694	59	.698	.693	3	.329	55	.629	3	289.2
4	.700	.696	60	.702	.699	4	.440	56	.634	4	289.2
5	.699	.698	61	.704	.694	5	.522	57	.640	5	289.0
6	.698	.697				6	.573	58	.648	6	289.2
7	.698	.694	PRISES LAT. GAUCHES			7	.610	59	.655	7	289.3
8	.699	.693				8	.640	60	.664	8	289.7
9	.700	.700	62	.699	.699	9	.669	61	.674	9	290.7
10	.699	.692	63	.699	.698	10	.704	62	.686	10	290.4
11	.699	.696	64	.704	.693	11	.738	63	.698	11	290.1
12	.697	.696	65	.709	.676	12	.775	64	.709	12	290.0
13	.701	.692	66	.723	.676	13	.871	65	.723	13	290.2
14	.699	.691	67	.739	.699	14	.932	66	.738	14	290.5
15	.701	.693	68	.738	.707	15	.990	67	.753	15	290.5
16	.702	.694	69	.732	.699	16	1.010	68	.770	16	289.8
17	.703	.692	70	.724	.681	17	1.007	69	.787	17	289.6
18	.704	.686	71	.709	.683	18	1.000	70	.801	18	289.7
19	.704	.683	72	.702	.693	19	.986	71	.814	19	289.9
20	.706	.681	73	.702	.701	20	.970	72	.822		
21	.711	.678				21	.961	73	.825	I	TPG
22	.715	.675	PRISES LAT. DROITES			22	.956	74	.827		
23	.719	.672				23	.951	75	.822	1	293.1
24	.720	.673	74	.700	.698	24	.945	76	.815	2	293.0
25	.723	.678	75	.698	.694	25	.940	77	.809	3	293.0
26	.726	.682	76	.698	.694	26	.934	78	.800	4	293.1
27	.730	.687	77	.699	.690	27	.919	79	.789	5	293.0
28	.735	.695	78	.703	.692	28	.919	80	.778		
29	.738	.701	79	.704	.682	29	.924	81	.768		
30	.739	.705	80	.710	.677	30	.927	82	.759		
31	.740	.704	81	.719	.673	31	.927	83	.750		
32	.739	.709	82	.721	.678	32	.931	84	.739		
33	.737	.710	83	.729	.687	33	.931	85	.732		
34	.735	.706	84	.738	.699	34	.933	86	.726		
35	.733	.705	85	.739	.705	35	.934	87	.714		
36	.733	.701	86	.736	.707	36	.937	88	.701		
37	.731	.696	87	.734	.706	37	.936	89	.688		
38	.729	.690	88	.732	.698	38	.931	90	.677		
39	.729	.684	89	.728	.687	39	.919	91	.668		
40	.726	.682	90	.722	.682	40	.902	92	.663		
41	.723	.679	91	.716	.684	41	.883	93	.656		
42	.723	.678	92	.711	.684	42	.859	94	.652		
43	.720	.678	93	.703	.689	43	.835	95	.648		
44	.716	.680	94	.704	.692	44	.808	96	.650		
45	.712	.681	95	.702	.697	45	.781	97	.649		
46	.711	.682	96	.703	.697	46	.752	98	.677		
47	.711	.684				47	.725	99	.716		
48	.708	.685				48	.700	100	.663		
49	.705	.688				49	.676	101	.536		
50	.702	.690				50	.656	102	.386		
51	.705	.692				51	.638	103	.266		
52	.704	.696	PRISES COL			52	.625				
53	.704	.696									
54	.703	.696	.763	1.155		REFERENCE PROFIL					
55	.703	.695	.809	1.057		.699					
56	.702	.695	.875	.860		.700					
57	.701	.694	.931	.791		.698					
58	.699	.694	1.103	.742		.698					

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****************************   FICHIER AD207      N0(IT)=  4
 5/ 3/84 15H40  M=.695 PI=1.7 TI=TA   I=-1.00 (RM  ) AD207
DE AD125 4 IEME ITE
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MACH DE REFERENCE= .7016 UINF= 230.318 M/S
TIV=294.5 K PIV= 1632 MB

MACH PAROIS I	HAUT	BAS		I	HAUT	BAS	MACH PROFIL I	EXT	I	INT	T(K) I	TPR
1	.700	.692	PRISES DOUBLES				1	.113	53	.607	1	290.8
2	.698	.695					2	.139	54	.612	2	289.6
3	.699	.694		59	.698	.693	3	.244	55	.618	3	289.5
4	.700	.698		60	.704	.702	4	.351	56	.626	4	289.5
5	.701	.700		61	.707	.697	5	.434	57	.634	5	289.4
6	.699	.698					6	.490	58	.642	6	289.4
7	.699	.695	PRISES LAT. GAUCHES				7	.531	59	.651	7	289.5
8	.700	.694					8	.566	60	.662	8	289.9
9	.702	.701		62	.699	.699	9	.598	61	.673	9	291.5
10	.701	.695		63	.701	.702	10	.635	62	.686	10	291.2
11	.702	.702		64	.707	.696	11	.670	63	.698	11	290.8
12	.699	.703		65	.709	.683	12	.708	64	.711	12	290.7
13	.703	.698		66	.723	.686	13	.800	65	.725	13	290.9
14	.701	.696		67	.735	.715	14	.870	66	.740	14	291.2
15	.703	.696		68	.735	.717	15	.917	67	.757	15	291.3
16	.705	.696		69	.732	.702	16	.944	68	.776	16	290.1
17	.705	.694		70	.727	.685	17	.954	69	.794	17	289.5
18	.706	.692		71	.710	.687	18	.948	70	.810	18	289.6
19	.704	.690		72	.705	.696	19	.943	71	.826	19	290.0
20	.706	.687		73	.704	.704	20	.932	72	.836		
21	.710	.685					21	.929	73	.841	I	TPG
22	.715	.683	PRISES LAT. DROITES				22	.927	74	.844		
23	.720	.680					23	.924	75	.841	1	294.4
24	.721	.683		74	.700	.698	24	.923	76	.836	2	294.4
25	.723	.689		75	.699	.696	25	.920	77	.831	3	294.4
26	.726	.694		76	.701	.697	26	.920	78	.823	4	294.3
27	.728	.702		77	.701	.696	27	.920	79	.813	5	294.4
28	.732	.711		78	.706	.696	28	.921	80	.803		
29	.733	.717		79	.705	.689	29	.924	81	.794		
30	.734	.720		80	.711	.684	30	.926	82	.786		
31	.736	.718		81	.720	.682	31	.927	83	.779		
32	.735	.721		82	.722	.688	32	.930	84	.771		
33	.733	.719		83	.728	.701	33	.933	85	.765		
34	.732	.712		84	.734	.715	34	.936	86	.762		
35	.731	.710		85	.735	.720	35	.941	87	.753		
36	.732	.705		86	.733	.719	36	.945	88	.742		
37	.731	.699		87	.732	.712	37	.947	89	.734		
38	.731	.692		88	.732	.702	38	.945	90	.724		
39	.731	.688		89	.730	.690	39	.938	91	.718		
40	.728	.685		90	.725	.686	40	.927	92	.716		
41	.726	.682		91	.720	.686	41	.919	93	.711		
42	.726	.681		92	.711	.688	42	.895	94	.707		
43	.722	.681		93	.706	.693	43	.842	95	.708		
44	.718	.682		94	.707	.695	44	.821	96	.725		
45	.713	.683		95	.705	.701	45	.798	97	.746		
46	.712	.685		96	.705	.700	46	.772	98	.785		
47	.711	.688					47	.746	99	.853		
48	.709	.690					48	.719	100	.808		
49	.708	.693					49	.690	101	.664		
50	.705	.695					50	.665	102	.498		
51	.708	.696					51	.637	103	.370		
52	.706	.699	PRISES COL				52	.602				
53	.706	.699										
54	.705	.699			.760	1.154	REFERENCE PROFIL					
55	.705	.698			.808	1.110		.700				
56	.703	.698			.874	.871		.701				
57	.702	.697			.930	.795		.700				
58	.700	.699			1.102	.745		.699				

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****************************   FICHIER AD208      N0(IT)=  5
 5/ 3/84 15H60  M=.755 PI=1.7 TI=TA   I=-1.00 (RM  ) AD208
DE AD24  4 IEME ITE
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MACH DE REFERENCE= .7554 UINF= 246.754 M/S
TIV=295.7 K PIV= 1721 MB

I	MACH PAROIS HAUT	MACH PAROIS BAS		I	MACH PROFIL HAUT	MACH PROFIL BAS
1	.767	.755	PRISES DOUBLES			
2	.766	.761				
3	.764	.757		59	.758	.755
4	.760	.758		60	.762	.760
5	.758	.760		61	.762	.749
6	.758	.759				
7	.759	.757	PRISES LAT. GAUCHES			
8	.759	.754				
9	.759	.760		62	.762	.762
10	.760	.752		63	.757	.760
11	.759	.756		64	.761	.750
12	.755	.756		65	.766	.735
13	.760	.752		66	.787	.737
14	.758	.751		67	.806	.771
15	.760	.752		68	.803	.778
16	.760	.752		69	.797	.760
17	.760	.748		70	.791	.734
18	.760	.742		71	.766	.738
19	.760	.741		72	.763	.749
20	.764	.741		73	.758	.760
21	.768	.737				
22	.770	.731	PRISES LAT. DROITES			
23	.775	.726				
24	.781	.731		74	.762	.760
25	.787	.740		75	.760	.758
26	.793	.747		76	.759	.755
27	.798	.756		77	.758	.750
28	.804	.768		78	.761	.749
29	.806	.776		79	.761	.739
30	.806	.781		80	.768	.737
31	.807	.779		81	.776	.729
32	.805	.784		82	.785	.740
33	.802	.782		83	.795	.754
34	.800	.774		84	.804	.771
35	.797	.771		85	.806	.779
36	.798	.765		86	.800	.780
37	.796	.757		87	.798	.773
38	.796	.747		88	.797	.760
39	.797	.740		89	.794	.743
40	.793	.735		90	.788	.735
41	.790	.731		91	.776	.735
42	.789	.729		92	.767	.739
43	.783	.729		93	.763	.746
44	.776	.731		94	.765	.748
45	.771	.732		95	.761	.749
46	.769	.734		96	.757	.750
47	.768	.739				
48	.766	.743				
49	.765	.745				
50	.763	.748				
51	.766	.749				
52	.762	.750	PRISES COL			
53	.762	.753				
54	.763	.755	.826	1.202		
55	.762	.754	.866	.909		
56	.760	.753	.922	.853		
57	.757	.749	.969	.819		
58	.748	.739	1.137	.787		

I	MACH PROFIL EXT	MACH PROFIL INT
1	.103	.645
2	.134	.651
3	.243	.659
4	.354	.667
5	.442	.676
6	.501	.687
7	.546	.698
8	.583	.709
9	.616	.722
10	.656	.736
11	.695	.751
12	.736	.765
13	.840	.783
14	.915	.800
15	.989	.821
16	1.034	.844
17	1.057	.867
18	1.066	.889
19	1.076	.910
20	1.066	.925
21	1.049	.933
22	1.051	.939
23	1.050	.935
24	1.046	.926
25	1.040	.920
26	1.039	.907
27	1.038	.893
28	1.040	.879
29	1.045	.868
30	1.048	.858
31	1.056	.848
32	1.064	.838
33	1.072	.830
34	1.081	.826
35	1.092	.816
36	1.104	.804
37	1.114	.795
38	1.106	.782
39	1.090	.776
40	1.081	.773
41	1.078	.762
42	1.010	.758
43	.880	.745
44	.871	.778
45	.850	.818
46	.823	.853
47	.795	.931
48	.766	.874
49	.735	.709
50	.707	.530
51	.678	.397
52	.640	

I	T(K) TPR
1	291.0
2	289.3
3	289.2
4	289.2
5	289.0
6	288.9
7	289.0
8	289.2
9	291.7
10	291.4
11	290.9
12	290.7
13	291.0
14	291.4
15	291.4
16	290.0
17	289.4
18	289.7
19	290.1

I	TPG
1	295.7
2	295.7
3	295.7
4	295.6
5	295.6

REFERENCE PROFIL
.760
.761
.760
.759

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****************************   FICHIER AD209      N0(IT)=  4
 5/ 3/84 16H20  M=.760 PI=1.7 TI=TA   I=-1.00 (RM  ) AD209
DE AD208 5 IEME ITE
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MACH DE REFERENCE= .7667 UINF= 250.229 M/S
TIV=296.1 K PIV= 1730 MB

MACH PAROIS I	HAUT	BAS	I	HAUT	BAS
1	.769	.759	PRISES DOUBLES		
2	.767	.763			
3	.767	.761	59	.764	.760
4	.765	.762	60	.770	.767
5	.764	.764	61	.770	.759
6	.764	.763			
7	.765	.762	PRISES LAT. GAUCHES		
8	.766	.761			
9	.768	.768	62	.765	.764
10	.768	.759	63	.764	.767
11	.766	.763	64	.769	.758
12	.762	.762	65	.772	.741
13	.766	.757	66	.795	.745
14	.763	.756	67	.816	.784
15	.765	.758	68	.819	.792
16	.766	.759	69	.814	.772
17	.768	.757	70	.802	.744
18	.771	.754	71	.777	.745
19	.769	.750	72	.769	.758
20	.769	.747	73	.769	.768
21	.774	.743			
22	.781	.741	PRISES LAT. DROITES		
23	.788	.738			
24	.792	.740	74	.766	.764
25	.795	.748	75	.765	.762
26	.800	.755	76	.766	.761
27	.806	.765	77	.764	.755
28	.813	.779	78	.768	.757
29	.816	.789	79	.769	.749
30	.817	.794	80	.774	.741
31	.820	.793	81	.788	.740
32	.820	.799	82	.792	.747
33	.819	.797	83	.804	.764
34	.817	.788	84	.815	.785
35	.815	.784	85	.818	.794
36	.815	.777	86	.816	.794
37	.813	.768	87	.815	.786
38	.811	.757	88	.813	.772
39	.811	.749	89	.808	.753
40	.806	.745	90	.799	.745
41	.802	.740	91	.788	.746
42	.801	.739	92	.779	.748
43	.794	.738	93	.771	.753
44	.787	.740	94	.772	.758
45	.783	.741	95	.769	.763
46	.780	.744	96	.768	.764
47	.779	.747			
48	.777	.750			
49	.774	.754			
50	.770	.758			
51	.772	.759			
52	.770	.761			
53	.771	.762			
54	.771	.763			
55	.771	.763			
56	.770	.763			
57	.768	.761			
58	.763	.759			

MACH PROFIL I	EXT	I	INT
1	.109	53	.652
2	.129	54	.658
3	.239	55	.666
4	.350	56	.675
5	.437	57	.684
6	.497	58	.695
7	.543	59	.706
8	.580	60	.718
9	.615	61	.731
10	.656	62	.745
11	.694	63	.761
12	.735	64	.776
13	.840	65	.794
14	.916	66	.813
15	.995	67	.834
16	1.039	68	.858
17	1.063	69	.882
18	1.078	70	.905
19	1.089	71	.928
20	1.090	72	.944
21	1.082	73	.954
22	1.076	74	.959
23	1.073	75	.955
24	1.072	76	.946
25	1.067	77	.938
26	1.061	78	.925
27	1.055	79	.909
28	1.054	80	.894
29	1.059	81	.883
30	1.066	82	.872
31	1.073	83	.862
32	1.082	84	.852
33	1.093	85	.843
34	1.104	86	.839
35	1.118	87	.828
36	1.136	88	.817
37	1.152	89	.808
38	1.157	90	.794
39	1.137	91	.788
40	1.131	92	.785
41	1.131	93	.774
42	1.109	94	.768
43	.894	95	.750
44	.856	96	.782
45	.844	97	.837
46	.822	98	.872
47	.797	99	.952
48	.770	100	.892
49	.739	101	.721
50	.712	102	.540
51	.683	103	.405
52	.648		

T(K) I	TPG
1	292.8
2	290.1
3	289.7
4	289.8
5	289.7
6	289.5
7	289.7
8	290.1
9	292.7
10	292.3
11	291.8
12	291.6
13	291.9
14	292.3
15	292.3
16	290.3
17	289.8
18	290.0
19	290.5

I	TPG
1	296.2
2	296.2
3	296.1
4	296.1
5	296.1

PRISES COL

.833	1.206
.872	.905
.926	.856
.973	.821
1.141	.790

REFERENCE PROFIL

.765
.766
.765
.765

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****************************   FICHIER AD210      N0(IT)=  5
 5/ 3/84 17H10  M=.695 PI=1.7 TI=TA    I=-0.50 (RM  ) AD210
DE AD129 4 IEME ITE
-------------------------------------------------------------------------------
        MACH DE REFERENCE= .7011       UINF=  230.629 M/S
                          TIV=295.6 K      PIV=  1635 MB
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MACH PAROIS I	HAUT	BAS		MACH PROFIL I	EXT	I	INT	T(K) I	TPR
1	.702	.694	PRISES DOUBLES	1	.071	53	.619	1	291.3
2	.700	.696		2	.177	54	.621	2	290.1
3	.700	.694	59 .699 .694	3	.284	55	.625	3	290.2
4	.700	.696	60 .705 .703	4	.392	56	.632	4	290.3
5	.700	.698	61 .705 .695	5	.476	57	.639	5	290.5
6	.699	.697		6	.529	58	.647	6	290.6
7	.700	.695	PRISES LAT. GAUCHES	7	.568	59	.656	7	290.8
8	.702	.696		8	.601	60	.666	8	291.3
9	.704	.704	62 .699 .698	9	.632	61	.676	9	292.3
10	.703	.696	63 .702 .702	10	.668	62	.688	10	292.0
11	.703	.700	64 .705 .695	11	.702	63	.701	11	291.7
12	.700	.700	65 .710 .683	12	.740	64	.713	12	291.6
13	.703	.696	66 .726 .681	13	.834	65	.727	13	291.8
14	.700	.694	67 .736 .710	14	.898	66	.742	14	292.1
15	.701	.695	68 .736 .715	15	.951	67	.758	15	292.0
16	.703	.696	69 .732 .702	16	.975	68	.776	16	290.9
17	.704	.694	70 .725 .684	17	.978	69	.793	17	290.5
18	.706	.690	71 .710 .685	18	.972	70	.809	18	290.5
19	.706	.688	72 .704 .695	19	.961	71	.823	19	290.9
20	.708	.688	73 .705 .701	20	.950	72	.833		
21	.711	.685		21	.944	73	.837	I	TPG
22	.714	.681	PRISES LAT. DROITES	22	.942	74	.839		
23	.718	.677		23	.937	75	.836	1	295.6
24	.722	.678	74 .700 .697	24	.933	76	.829	2	295.7
25	.726	.684	75 .700 .695	25	.930	77	.824	3	295.6
26	.729	.689	76 .701 .697	26	.928	78	.815	4	295.6
27	.732	.695	77 .700 .694	27	.927	79	.804	5	295.6
28	.734	.705	78 .704 .694	28	.927	80	.793		
29	.736	.712	79 .706 .687	29	.928	81	.783		
30	.736	.716	80 .711 .683	30	.929	82	.775		
31	.737	.714	81 .718 .678	31	.927	83	.767		
32	.736	.718	82 .725 .683	32	.924	84	.757		
33	.735	.718	83 .730 .695	33	.924	85	.750		
34	.734	.712	84 .735 .709	34	.927	86	.746		
35	.732	.709	85 .737 .715	35	.930	87	.736		
36	.733	.706	86 .734 .715	36	.938	88	.724		
37	.731	.700	87 .733 .711	37	.939	89	.713		
38	.730	.694	88 .732 .702	38	.936	90	.703		
39	.729	.688	89 .728 .690	39	.925	91	.697		
40	.727	.686	90 .723 .685	40	.909	92	.694		
41	.725	.683	91 .719 .684	41	.890	93	.688		
42	.725	.682	92 .711 .686	42	.868	94	.686		
43	.722	.681	93 .706 .693	43	.846	95	.685		
44	.719	.681	94 .706 .694	44	.818	96	.688		
45	.716	.682	95 .704 .701	45	.790	97	.695		
46	.714	.684	96 .705 .700	46	.763	98	.736		
47	.712	.687		47	.735	99	.789		
48	.709	.690		48	.708	100	.738		
49	.708	.693		49	.682	101	.603		
50	.706	.696		50	.658	102	.446		
51	.707	.695		51	.636	103	.320		
52	.705	.696	PRISES COL	52	.615				
53	.705	.696							
54	.704	.697	.762 1.136		REFERENCE PROFIL				
55	.705	.697	.810 1.087		.701				
56	.704	.698	.877 .866		.701				
57	.703	.698	.932 .794		.700				
58	.702	.700	1.105 .745		.700				

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********************************   FICHIER AD211      N0(IT)=  4
 5/ 3/84 17H35  M=.725 PI=1.7 TI=TA   I=-0.50 (RM  ) AD211
DE AD210 5 IEME ITE
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MACH DE REFERENCE= .7291 UINF= 239.140 M/S
TIV=296.1 K PIV= 1674 MB

MACH PAROIS						MACH PROFIL				T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.734	.724	PRISES DOUBLES			1	.073	53	.635	1	292.1
2	.732	.728				2	.179	54	.638	2	290.5
3	.732	.725	59	.729	.725	3	.288	55	.644	3	290.6
4	.731	.726	60	.734	.733	4	.400	56	.651	4	290.7
5	.731	.728	61	.734	.721	5	.485	57	.659	5	290.7
6	.730	.727				6	.540	58	.668	6	290.8
7	.730	.726	PRISES LAT. GAUCHES			7	.581	59	.678	7	291.1
8	.730	.727				8	.615	60	.688	8	291.6
9	.732	.734	62	.731	.728	9	.647	61	.700	9	293.0
10	.732	.726	63	.729	.732	10	.685	62	.713	10	292.7
11	.731	.728	64	.735	.722	11	.721	63	.726	11	292.3
12	.728	.727	65	.737	.705	12	.760	64	.739	12	292.2
13	.732	.722	66	.757	.705	13	.861	65	.755	13	292.4
14	.730	.721	67	.773	.738	14	.931	66	.771	14	292.8
15	.731	.721	68	.772	.745	15	.998	67	.789	15	292.6
16	.733	.722	69	.768	.730	16	1.034	68	.809	16	291.1
17	.735	.722	70	.761	.709	17	1.046	69	.828	17	290.8
18	.735	.719	71	.739	.712	18	1.046	70	.846	18	290.9
19	.734	.716	72	.732	.721	19	1.036	71	.862	19	291.2
20	.734	.711	73	.730	.729	20	1.019	72	.873		
21	.738	.706				21	1.010	73	.879	I	TPG
22	.743	.705	PRISES LAT. DROITES			22	1.007	74	.881		
23	.749	.701				23	1.002	75	.877	1	296.1
24	.753	.702	74	.731	.728	24	.998	76	.870	2	296.1
25	.757	.708	75	.730	.726	25	.993	77	.863	3	296.0
26	.761	.714	76	.730	.727	26	.990	78	.853	4	296.0
27	.765	.721	77	.730	.720	27	.989	79	.840	5	296.0
28	.770	.733	78	.734	.722	28	.989	80	.828		
29	.772	.741	79	.734	.715	29	.991	81	.817		
30	.772	.746	80	.738	.706	30	.993	82	.808		
31	.774	.744	81	.750	.704	31	.995	83	.798		
32	.773	.750	82	.755	.707	32	.996	84	.788		
33	.771	.748	83	.764	.720	33	.998	85	.780		
34	.769	.742	84	.772	.738	34	1.001	86	.775		
35	.767	.739	85	.774	.746	35	1.006	87	.764		
36	.767	.734	86	.770	.746	36	1.013	88	.751		
37	.767	.727	87	.768	.741	37	1.013	89	.739		
38	.766	.720	88	.768	.730	38	1.009	90	.728		
39	.767	.714	89	.767	.716	39	.994	91	.721		
40	.764	.710	90	.759	.710	40	.973	92	.717		
41	.762	.707	91	.747	.709	41	.944	93	.710		
42	.761	.705	92	.741	.713	42	.910	94	.708		
43	.753	.704	93	.733	.718	43	.885	95	.706		
44	.746	.705	94	.734	.720	44	.856	96	.710		
45	.742	.706	95	.733	.727	45	.826	97	.717		
46	.740	.708	96	.730	.727	46	.795	98	.760		
47	.741	.713				47	.767	99	.817		
48	.739	.716				48	.737	100	.760		
49	.736	.719				49	.709	101	.618		
50	.733	.721				50	.683	102	.454		
51	.735	.721				51	.656	103	.325		
52	.734	.722	PRISES COL			52	.628				
53	.735	.724									
54	.735	.725		.793	1.180		REFERENCE PROFIL				
55	.735	.725		.837	.958		.730				
56	.733	.725		.898	.859		.731				
57	.730	.725		.949	.805		.730				
58	.725	.725		1.121	.763		.730				

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******************************   FICHIER AD213      N0(IT)=  5
 6/ 3/84 11H10  M=.695 PI=1.7 TI=TA   I=+1.00 (RM  ) AD213
DE AD107 4 IEME ITE
--------------------------------------------------------------------------------
        MACH DE REFERENCE= .6832      UINF=  224.234 M/S
                          TIV=293.0 K      PIV=  1622 MB
```

MACH PAROIS I	HAUT	BAS		I	HAUT	BAS	MACH PROFIL I	EXT	I	INT	T(K) I	TPR
1	.686	.675	* PRISES DOUBLES				1	.127	53	.620	1	289.2
2	.684	.677	*				2	.328	54	.618	2	288.2
3	.684	.677	*	59	.682	.675	3	.438	55	.619	3	288.6
4	.685	.681	*	60	.687	.681	4	.553	56	.623	4	288.5
5	.684	.683	*	61	.689	.679	5	.637	57	.628	5	288.7
6	.682	.680	*				6	.681	58	.634	6	288.8
7	.682	.676	* PRISES LAT. GAUCHES				7	.710	59	.641	7	288.9
8	.684	.676	*				8	.733	60	.649	8	289.3
9	.686	.683	*	62	.684	.682	9	.757	61	.658	9	290.3
10	.684	.674	*	63	.685	.679	10	.788	62	.668	10	290.0
11	.684	.678	*	64	.690	.676	11	.819	63	.678	11	289.8
12	.682	.680	*	65	.698	.658	12	.855	64	.689	12	289.7
13	.685	.676	*	66	.713	.652	13	.952	65	.701	13	290.0
14	.684	.676	*	67	.727	.670	14	1.014	66	.713	14	290.3
15	.686	.677	*	68	.728	.681	15	1.071	67	.727	15	290.2
16	.688	.677	*	69	.723	.676	16	1.081	68	.742	16	289.5
17	.690	.675	*	70	.710	.662	17	1.063	69	.755	17	289.2
18	.691	.670	*	71	.694	.667	18	1.037	70	.767	18	289.5
19	.692	.667	*	72	.689	.677	19	1.014	71	.777	19	289.7
20	.695	.665	*	73	.688	.684	20	.995	72	.783		
21	.700	.661	*				21	.980	73	.784	I	TPG
22	.703	.654	* PRISES LAT. DROITES				22	.942	74	.784		
23	.707	.648	*				23	.937	75	.778	1	293.0
24	.710	.649	*	74	.684	.681	24	.935	76	.771	2	293.0
25	.714	.654	*	75	.683	.676	25	.928	77	.764	3	293.0
26	.717	.657	*	76	.683	.676	26	.924	78	.755	4	293.0
27	.720	.660	*	77	.683	.674	27	.922	79	.743	5	293.0
28	.725	.667	*	78	.690	.675	28	.921	80	.732		
29	.726	.672	*	79	.692	.666	29	.920	81	.721		
30	.727	.676	*	80	.698	.660	30	.918	82	.711		
31	.729	.676	*	81	.707	.650	31	.916	83	.701		
32	.728	.682	*	82	.712	.653	32	.916	84	.691		
33	.727	.683	*	83	.719	.660	33	.915	85	.682		
34	.725	.680	*	84	.726	.670	34	.914	86	.674		
35	.724	.681	*	85	.728	.678	35	.913	87	.659		
36	.724	.678	*	86	.726	.682	36	.913	88	.643		
37	.721	.674	*	87	.725	.682	37	.909	89	.625		
38	.719	.669	*	88	.722	.676	38	.903	90	.611		
39	.717	.665	*	89	.716	.666	39	.891	91	.598		
40	.714	.663	*	90	.709	.663	40	.876	92	.592		
41	.711	.660	*	91	.701	.664	41	.856	93	.581		
42	.710	.659	*	92	.696	.668	42	.832	94	.573		
43	.705	.659	*	93	.692	.674	43	.810	95	.564		
44	.701	.660	*	94	.691	.676	44	.783	96	.565		
45	.697	.662	*	95	.685	.685	45	.756	97	.551		
46	.696	.664	*	96	.688	.685	46	.729	98	.554		
47	.696	.669	*				47	.704	99	.562		
48	.695	.671	*				48	.681	100	.505		
49	.694	.674	*				49	.661	101	.392		
50	.692	.677	*				50	.646	102	.254		
51	.692	.677	*				51	.634	103	.136		
52	.688	.680	*	PRISES COL			52	.624				
53	.688	.680	*									
54	.687	.679	*	.746	1.144			REFERENCE PROFIL				
55	.687	.680	*	.795	1.257			.683				
56	.687	.681	*	.865	.887			.683				
57	.686	.682	*	.923	.793			.683				
58	.685	.687	*	1.096	.739			.682				

********** FICHIER AD214 N0(IT)= 4
6/ 3/84 11H55 M=.730 PI=1.7 TI=TA I=+1.00 (RM) AD214
DE AD213 4 IEME ITE

MACH DE REFERENCE= .7345 UINF= 240.112 M/S
TIV=294.5 K PIV= 1680 MB

MACH PAROIS I	HAUT	BAS		MACH PAROIS I	HAUT	BAS	MACH PROFIL I	EXT	I	INT	T(K) I	TPR
1	.740	.724	PRISES DOUBLES				1	.111	53	.648	1	290.2
2	.738	.729					2	.319	54	.648	2	287.9
3	.737	.728		59	.734	.727	3	.433	55	.652	3	288.0
4	.734	.730		60	.740	.732	4	.551	56	.658	4	288.7
5	.733	.732		61	.740	.726	5	.640	57	.664	5	287.7
6	.733	.731					6	.687	58	.672	6	288.3
7	.735	.729	PRISES LAT. GAUCHES				7	.718	59	.680	7	288.3
8	.736	.727					8	.743	60	.690	8	289.7
9	.737	.733		62	.735	.732	9	.770	61	.700	9	291.3
10	.737	.725		63	.735	.731	10	.803	62	.712	10	291.8
11	.736	.729		64	.742	.724	11	.837	63	.724	11	290.7
12	.731	.729		65	.752	.705	12	.876	64	.736	12	290.6
13	.735	.726		66	.777	.694	13	.981	65	.751	13	290.9
14	.734	.726		67	.800	.721	14	1.057	66	.765	14	291.3
15	.736	.728		68	.794	.732	15	1.131	67	.782	15	291.1
16	.737	.725		69	.783	.724	16	1.175	68	.800	16	289.3
17	.742	.722		70	.776	.710	17	1.202	69	.816	17	288.9
18	.746	.715		71	.747	.713	18	1.214	70	.831	18	289.2
19	.745	.713		72	.740	.724	19	1.223	71	.844	19	289.6
20	.747	.712		73	.735	.735	20	1.224	72	.852		
21	.753	.707					21	1.223	73	.854	I	TPG
22	.762	.697	PRISES LAT. DROITES				22	1.224	74	.854		
23	.769	.689					23	1.223	75	.847	1	294.5
24	.773	.690		74	.735	.731	24	1.219	76	.837	2	294.5
25	.777	.696		75	.736	.728	25	1.204	77	.829	3	294.5
26	.783	.700		76	.736	.727	26	1.185	78	.817	4	294.5
27	.790	.706		77	.734	.724	27	1.173	79	.803	5	294.4
28	.797	.716		78	.742	.723	28	1.168	80	.789		
29	.800	.723		79	.746	.711	29	1.017	81	.777		
30	.800	.728		80	.752	.706	30	.898	82	.765		
31	.801	.728		81	.769	.692	31	.936	83	.753		
32	.797	.734		82	.775	.696	32	.966	84	.741		
33	.793	.734		83	.787	.705	33	.984	85	.731		
34	.788	.729		84	.799	.720	34	.999	86	.721		
35	.784	.727		85	.800	.729	35	1.011	87	.706		
36	.784	.724		86	.792	.731	36	1.021	88	.687		
37	.782	.719		87	.785	.728	37	1.019	89	.667		
38	.782	.714		88	.783	.721	38	1.011	90	.652		
39	.782	.711		89	.781	.713	39	.989	91	.643		
40	.779	.709		90	.773	.709	40	.966	92	.631		
41	.777	.706		91	.760	.709	41	.940	93	.620		
42	.775	.705		92	.749	.714	42	.912	94	.611		
43	.767	.705		93	.742	.720	43	.882	95	.601		
44	.759	.706		94	.743	.723	44	.852	96	.604		
45	.754	.706		95	.739	.734	45	.820	97	.590		
46	.751	.709		96	.734	.733	46	.790	98	.596		
47	.748	.715					47	.760	99	.608		
48	.746	.718					48	.733	100	.547		
49	.744	.720					49	.707	101	.426		
50	.741	.722					50	.685	102	.283		
51	.744	.724					51	.666	103	.156		
52	.741	.728	PRISES COL				52	.649				
53	.741	.730										
54	.741	.731		.800	1.188		REFERENCE PROFIL					
55	.740	.731		.844	.932		.734					
56	.737	.731		.904	.855		.734					
57	.734	.731		.955	.809		.734					
58	.727	.732		1.127	.768		.733					

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****************************   FICHIER AD215      N0(IT)=  4
 6/ 3/84 12H20  M=.760 PI=1.7 TI=TA   I=+1.00 (RM  ) AD215
DE AD214 4 IEME ITE
-------------------------------------------------------------------------------
      MACH DE REFERENCE= .7647      UINF=  249.282 M/S
                    TIV=295.3 K      PIV=  1730 MB
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MACH PAROIS							MACH PROFIL						T(K)	
I	HAUT	BAS		I	HAUT	BAS	I	EXT	I	INT	I	TPR		
1	.774	.756	PRISES DOUBLES				1	.101	53	.662	1	290.9		
2	.774	.762					2	.305	54	.665	2	288.4		
3	.771	.759		59	.767	.759	3	.418	55	.669	3	288.2		
4	.765	.758		60	.771	.764	4	.538	56	.676	4	288.4		
5	.763	.760		61	.767	.753	5	.626	57	.683	5	288.7		
6	.765	.761					6	.675	58	.691	6	289.1		
7	.767	.761	PRISES LAT. GAUCHES				7	.709	59	.700	7	288.2		
8	.766	.757					8	.735	60	.711	8	287.6		
9	.766	.763		62	.768	.761	9	.763	61	.723	9	291.7		
10	.768	.756		63	.765	.764	10	.799	62	.736	10	291.4		
11	.767	.760		64	.774	.751	11	.833	63	.750	11	291.0		
12	.762	.759		65	.783	.729	12	.872	64	.763	12	290.9		
13	.767	.756		66	.818	.720	13	.981	65	.779	13	291.3		
14	.766	.757		67	.846	.753	14	1.055	66	.794	14	291.7		
15	.769	.758		68	.847	.768	15	1.137	67	.814	15	291.6		
16	.769	.754		69	.834	.757	16	1.187	68	.835	16	289.3		
17	.773	.749		70	.811	.738	17	1.215	69	.854	17	288.9		
18	.776	.742		71	.782	.741	18	1.232	70	.872	18	289.1		
19	.777	.739		72	.770	.753	19	1.243	71	.888	19	289.6		
20	.779	.737		73	.761	.767	20	1.248	72	.898				
21	.784	.731					21	1.251	73	.901	I	TPG		
22	.790	.721	PRISES LAT. DROITES				22	1.257	74	.901				
23	.799	.712					23	1.261	75	.893	1	295.3		
24	.810	.713		74	.768	.762	24	1.264	76	.882	2	295.3		
25	.819	.721		75	.768	.761	25	1.266	77	.872	3	295.3		
26	.828	.726		76	.767	.758	26	1.269	78	.858	4	295.2		
27	.836	.733		77	.766	.755	27	1.271	79	.841	5	295.3		
28	.843	.746		78	.773	.750	28	1.274	80	.826				
29	.847	.755		79	.778	.737	29	1.278	81	.812				
30	.848	.761		80	.783	.731	30	1.282	82	.799				
31	.852	.761		81	.801	.715	31	1.287	83	.786				
32	.851	.769		82	.817	.721	32	1.293	84	.772				
33	.848	.767		83	.833	.733	33	1.293	85	.761				
34	.844	.762		84	.845	.752	34	1.275	86	.751				
35	.840	.760		85	.849	.762	35	1.265	87	.734				
36	.838	.757		86	.846	.766	36	1.264	88	.715				
37	.833	.750		87	.841	.762	37	1.263	89	.694				
38	.828	.743		88	.835	.753	38	1.230	90	.679				
39	.823	.736		89	.822	.740	39	1.139	91	.664				
40	.817	.734		90	.808	.735	40	.998	92	.657				
41	.812	.731		91	.794	.736	41	.924	93	.645				
42	.810	.731		92	.784	.741	42	.881	94	.637				
43	.802	.730		93	.774	.748	43	.858	95	.628				
44	.793	.733		94	.773	.752	44	.838	96	.632				
45	.788	.734		95	.769	.757	45	.817	97	.619				
46	.786	.737		96	.761	.756	46	.795	98	.628				
47	.785	.742					47	.773	99	.647				
48	.781	.746					48	.750	100	.585				
49	.778	.749					49	.727	101	.459				
50	.771	.750					50	.705	102	.311				
51	.773	.753					51	.684	103	.183				
52	.767	.754		PRISES COL			52	.664						
53	.770	.758												
54	.771	.762			.837	1.209		REFERENCE PROFIL						
55	.771	.760			.876	.880		.764						
56	.767	.759			.929	.843		.764						
57	.762	.756			.975	.816		.764						
58	.747	.747			1.143	.785		.764						

********** FICHIER AD216 N0(IT)= 5
5695626
35

MACH DE REFERENCE= .6996 UINF= 229.650 M/S
TIV=294.3 K PIV= 1594 MB

MACH PAROIS I	HAUT	BAS	I	HAUT	BAS
1	.705	.690	PRISES DOUBLES		
2	.705	.694			
3	.704	.692	59	.700	.691
4	.703	.694	60	.704	.698
5	.701	.695	61	.706	.692
6	.700	.694			
7	.701	.693	PRISES LAT. GAUCHES		
8	.702	.693			
9	.703	.700	62	.703	.696
10	.702	.691	63	.702	.698
11	.702	.695	64	.711	.689
12	.699	.696	65	.721	.668
13	.702	.692	66	.743	.652
14	.702	.691	67	.757	.675
15	.704	.691	68	.758	.688
16	.707	.689	69	.751	.684
17	.710	.687	70	.737	.676
18	.712	.681	71	.716	.681
19	.712	.678	72	.707	.692
20	.715	.675	73	.704	.700
21	.722	.670			
22	.730	.661	PRISES LAT. DROITES		
23	.736	.653			
24	.740	.650	74	.703	.695
25	.744	.653	75	.702	.692
26	.747	.655	76	.701	.694
27	.750	.660	77	.702	.691
28	.755	.669	78	.710	.688
29	.756	.677	79	.714	.677
30	.756	.682	80	.722	.670
31	.759	.682	81	.737	.656
32	.757	.688	82	.743	.654
33	.756	.688	83	.750	.660
34	.754	.685	84	.756	.675
35	.752	.685	85	.758	.683
36	.751	.684	86	.756	.688
37	.749	.680	87	.754	.687
38	.746	.677	88	.750	.682
39	.744	.675	89	.743	.677
40	.739	.674	90	.735	.675
41	.736	.672	91	.727	.675
42	.736	.671	92	.718	.682
43	.731	.671	93	.711	.689
44	.725	.672	94	.710	.691
45	.721	.672	95	.705	.702
46	.719	.675	96	.703	.702
47	.717	.681			
48	.715	.685			
49	.713	.688			
50	.710	.690			
51	.710	.691			
52	.706	.693	PRISES COL		
53	.707	.694			
54	.706	.695	.762	1.157	
55	.706	.696	.810	.902	
56	.704	.696	.877	.832	
57	.702	.698	.932	.778	
58	.697	.704	1.104	.729	

MACH PROFIL I	EXT	I	INT
1	.215	53	.629
2	.426	54	.627
3	.539	55	.628
4	.662	56	.633
5	.754	57	.637
6	.794	58	.642
7	.815	59	.649
8	.830	60	.657
9	.850	61	.666
10	.877	62	.677
11	.907	63	.686
12	.943	64	.696
13	1.044	65	.708
14	1.115	66	.719
15	1.189	67	.733
16	1.229	68	.748
17	1.248	69	.760
18	1.258	70	.772
19	1.261	71	.781
20	1.256	72	.786
21	1.241	73	.785
22	1.213	74	.784
23	1.198	75	.777
24	1.193	76	.768
25	1.013	77	.760
26	.876	78	.749
27	.906	79	.736
28	.925	80	.723
29	.937	81	.711
30	.944	82	.699
31	.947	83	.687
32	.952	84	.674
33	.952	85	.663
34	.952	86	.652
35	.952	87	.635
36	.952	88	.615
37	.947	89	.592
38	.939	90	.575
39	.924	91	.558
40	.904	92	.549
41	.882	93	.535
42	.857	94	.523
43	.832	95	.509
44	.804	96	.509
45	.776	97	.488
46	.748	98	.474
47	.722	99	.460
48	.698	100	.397
49	.677	101	.284
50	.660	102	.150
51	.645	103	.036
52	.634		

T(K) I	TPR
1	290.2
2	288.2
3	288.9
4	287.0
5	288.2
6	288.9
7	289.3
8	290.0
9	291.5
10	291.3
11	291.1
12	291.1
13	291.3
14	291.6
15	291.4
16	289.9
17	288.0
18	289.2
19	290.1

I	TPG
1	294.2
2	294.2
3	294.2
4	294.2
5	294.2

REFERENCE PROFIL
.699
.700
.699
.698

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**********************************   FICHIER AD217      N0(IT)=  4
 6/ 3/84 16H50   M=.725 PI 1.7 TI=TA  I=2.00  (RM  ) AD217
DE AD216 5ITER.
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        MACH DE REFERENCE= .7324      UINF=  239.914 M/S
                          TIV=295.6 K      PIV=  1679 MB
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MACH PAROIS							MACH PROFIL					T(K)	
I	HAUT	BAS		I	HAUT	BAS	I	EXT	I	INT		I	TPR
1	.740	.721	* PRISES DOUBLES				1	.206	53	.639		1	291.3
2	.739	.725					2	.417	54	.639		2	288.7
3	.737	.723		59	.733	.724	3	.532	55	.642		3	288.7
4	.732	.723		60	.737	.728	4	.656	56	.648		4	289.1
5	.730	.725		61	.737	.722	5	.749	57	.654		5	289.7
6	.731	.726					6	.791	58	.662		6	287.7
7	.733	.724	* PRISES LAT. GAUCHES				7	.813	59	.670		7	288.5
8	.733	.722					8	.830	60	.679		8	289.7
9	.734	.728		62	.733	.726	9	.852	61	.689		9	292.4
10	.735	.720		63	.733	.727	10	.880	62	.699		10	292.2
11	.733	.724		64	.741	.717	11	.911	63	.712		11	291.9
12	.728	.723		65	.755	.695	12	.948	64	.722		12	291.9
13	.732	.720		66	.790	.677	13	1.051	65	.735		13	292.2
14	.732	.721		67	.809	.705	14	1.126	66	.749		14	292.6
15	.734	.722		68	.808	.720	15	1.208	67	.764		15	292.4
16	.736	.719		69	.797	.714	16	1.254	68	.780		16	290.2
17	.741	.715		70	.777	.703	17	1.278	69	.795		17	289.5
18	.745	.707		71	.751	.710	18	1.294	70	.808		18	289.9
19	.745	.704		72	.740	.720	19	1.303	71	.819		19	290.4
20	.748	.702		73	.730	.732	20	1.303	72	.824			
21	.755	.697					21	1.303	73	.824		I	TPG
22	.764	.686	* PRISES LAT. DROITES				22	1.305	74	.823			
23	.774	.676					23	1.307	75	.815		1	295.5
24	.783	.673		74	.734	.726	24	1.307	76	.804		2	295.5
25	.792	.676		75	.734	.725	25	1.307	77	.795		3	295.5
26	.798	.679		76	.734	.723	26	1.307	78	.783		4	295.5
27	.803	.685		77	.731	.719	27	1.307	79	.769		5	295.5
28	.809	.696		78	.741	.716	28	1.305	80	.754			
29	.810	.705		79	.747	.702	29	1.288	81	.741			
30	.811	.711		80	.754	.696	30	1.273	82	.728			
31	.813	.712		81	.776	.679	31	1.266	83	.715			
32	.811	.720		82	.790	.677	32	1.266	84	.701			
33	.808	.720		83	.801	.685	33	1.251	85	.690			
34	.805	.717		84	.808	.704	34	1.018	86	.678			
35	.802	.716		85	.811	.713	35	.894	87	.660			
36	.800	.714		86	.807	.719	36	.891	88	.639			
37	.795	.709		87	.802	.718	37	.908	89	.615			
38	.791	.704		88	.797	.711	38	.923	90	.598			
39	.786	.699		89	.785	.703	39	.926	91	.581			
40	.780	.697		90	.774	.702	40	.922	92	.572			
41	.775	.696		91	.764	.707	41	.907	93	.557			
42	.775	.696		92	.753	.711	42	.887	94	.546			
43	.769	.699		93	.743	.716	43	.865	95	.532			
44	.763	.703		94	.742	.720	44	.840	96	.533			
45	.759	.704		95	.738	.728	45	.812	97	.511			
46	.755	.708		96	.730	.727	46	.784	98	.499			
47	.752	.711					47	.758	99	.488			
48	.749	.713					48	.731	100	.423			
49	.746	.715					49	.706	101	.309			
50	.741	.718					50	.683	102	.172			
51	.742	.720					51	.661	103	.054			
52	.737	.723			PRISES COL		52	.640					
53	.739	.726											
54	.739	.728			.798	1.187		REFERENCE PROFIL					
55	.739	.727			.842	.908		.730					
56	.735	.727			.903	.845		.730					
57	.731	.726			.954	.805		.730					
58	.720	.724			1.125	.763		.729					

********** FICHIER AD218 N0(IT)= 5
6/ 3/84 17H45 M=.695 PI 1.7 TI=TA I=-2.00 (RM) AD218
DE AD207 4ITER.

MACH DE REFERENCE= .7010 UINF= 230.513 M/S
TIV=295.4 K PIV= 1640 MB

I	MACH PAROIS HAUT	BAS	I	HAUT	BAS	I	MACH PROFIL EXT	I	INT	I	T(K) TPR
1	.702	.697	PRISES DOUBLES			1	.188	53	.605	1	290.8
2	.700	.699				2	.044	54	.611	2	290.2
3	.699	.697	59	.700	.697	3	.143	55	.619	3	290.3
4	.700	.699	60	.705	.703	4	.246	56	.627	4	290.2
5	.700	.701	61	.704	.696	5	.330	57	.635	5	290.2
6	.699	.700				6	.392	58	.645	6	290.2
7	.700	.698	PRISES LAT. GAUCHES			7	.439	59	.655	7	290.3
8	.703	.699				8	.478	60	.666	8	290.7
9	.705	.706	62	.699	.700	9	.513	61	.677	9	292.2
10	.702	.696	63	.702	.702	10	.553	62	.690	10	291.8
11	.701	.699	64	.702	.697	11	.589	63	.704	11	291.4
12	.697	.699	65	.704	.688	12	.628	64	.718	12	291.2
13	.700	.696	66	.713	.699	13	.718	65	.733	13	291.4
14	.697	.696	67	.727	.724	14	.782	66	.749	14	291.6
15	.698	.697	68	.730	.729	15	.835	67	.767	15	291.5
16	.700	.696	69	.728	.715	16	.864	68	.786	16	290.7
17	.701	.696	70	.719	.689	17	.876	69	.805	17	290.3
18	.702	.693	71	.708	.686	18	.881	70	.823	18	290.5
19	.701	.692	72	.702	.696	19	.881	71	.840	19	290.8
20	.703	.692	73	.707	.703	20	.878	72	.852		
21	.706	.690				21	.879	73	.859	I	TPG
22	.707	.686	PRISES LAT. DROITES			22	.882	74	.864		
23	.709	.685				23	.882	75	.864	1	295.4
24	.711	.692	74	.699	.700	24	.882	76	.859	2	295.4
25	.712	.702	75	.700	.698	25	.884	77	.856	3	295.4
26	.715	.708	76	.701	.698	26	.885	78	.849	4	295.3
27	.718	.714	77	.698	.695	27	.888	79	.841	5	295.3
28	.723	.722	78	.701	.697	28	.891	80	.831		
29	.726	.727	79	.702	.691	29	.895	81	.824		
30	.727	.730	80	.705	.690	30	.898	82	.818		
31	.729	.728	81	.710	.687	31	.903	83	.812		
32	.730	.733	82	.712	.701	32	.907	84	.807		
33	.730	.732	83	.718	.713	33	.912	85	.803		
34	.730	.726	84	.727	.725	34	.916	86	.804		
35	.728	.724	85	.729	.730	35	.921	87	.798		
36	.728	.719	86	.728	.731	36	.928	88	.795		
37	.726	.712	87	.729	.726	37	.930	89	.794		
38	.725	.704	88	.727	.715	38	.931	90	.786		
39	.724	.696	89	.723	.699	39	.925	91	.786		
40	.720	.692	90	.717	.690	40	.915	92	.787		
41	.718	.688	91	.711	.688	41	.906	93	.779		
42	.717	.686	92	.710	.686	42	.898	94	.777		
43	.713	.684	93	.704	.693	43	.891	95	.758		
44	.710	.684	94	.704	.695	44	.809	96	.790		
45	.707	.684	95	.702	.703	45	.787	97	.958		
46	.707	.685	96	.707	.702	46	.768	98	.967		
47	.709	.687				47	.744	99	1.027		
48	.708	.689				48	.719	100	1.010		
49	.706	.693				49	.691	101	.822		
50	.704	.696				50	.666	102	.634		
51	.705	.696				51	.639	103	.501		
52	.704	.697	PRISES COL			52	.601				
53	.705	.697									
54	.704	.698	.764	1.155		REFERENCE PROFIL					
55	.705	.699	.810	1.099		.701					
56	.704	.699	.876	.869		.702					
57	.705	.700	.931	.798		.701					
58	.706	.701	1.102	.746		.700					

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******************************   FICHIER AD219      N0(IT)=  4
 6/ 3/84 18H 5   M=.725 PI 1.7 TI=TA  I=-2.00 (RM  )  AD219
DE AD218 4ITER.
-------------------------------------------------------------------------------
        MACH DE REFERENCE= .7321       UINF=  240.053 M/S
                          TIV=296.1 K      PIV=  1682 MB
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MACH PAROIS						MACH PROFIL						T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR		
1	.732	.726	PRISES DOUBLES			1	.193	53	.628	1	291.3		
2	.728	.728				2	.043	54	.634	2	290.8		
3	.728	.725	59	.729	.727	3	.143	55	.642	3	290.5		
4	.729	.728	60	.734	.732	4	.251	56	.651	4	290.5		
5	.729	.730	61	.736	.726	5	.335	57	.659	5	290.4		
6	.728	.730				6	.399	58	.669	6	290.4		
7	.729	.728	PRISES LAT. GAUCHES			7	.449	59	.681	7	290.6		
8	.732	.728				8	.488	60	.691	8	291.2		
9	.734	.735	62	.729	.730	9	.525	61	.704	9	292.9		
10	.732	.725	63	.731	.732	10	.566	62	.718	10	292.6		
11	.730	.728	64	.732	.728	11	.604	63	.732	11	292.2		
12	.726	.728	65	.733	.713	12	.643	64	.747	12	291.9		
13	.729	.725	66	.746	.731	13	.740	65	.764	13	292.1		
14	.727	.726	67	.766	.760	14	.809	66	.782	14	292.4		
15	.727	.726	68	.765	.761	15	.872	67	.802	15	292.2		
16	.729	.726	69	.762	.743	16	.907	68	.824	16	290.9		
17	.731	.726	70	.755	.718	17	.923	69	.845	17	290.5		
18	.732	.723	71	.739	.718	18	.932	70	.866	18	290.6		
19	.731	.721	72	.734	.724	19	.932	71	.886	19	291.0		
20	.733	.718	73	.736	.735	20	.930	72	.902				
21	.736	.715				21	.930	73	.911	I	TPG		
22	.738	.714	PRISES LAT. DROITES			22	.935	74	.918				
23	.741	.715				23	.936	75	.917	1	296.1		
24	.743	.723	74	.729	.729	24	.938	76	.913	2	296.2		
25	.746	.736	75	.730	.729	25	.939	77	.909	3	296.1		
26	.750	.743	76	.731	.728	26	.941	78	.901	4	296.0		
27	.755	.751	77	.728	.724	27	.944	79	.889	5	296.1		
28	.761	.760	78	.731	.727	28	.948	80	.879				
29	.765	.765	79	.732	.720	29	.954	81	.870				
30	.766	.767	80	.735	.714	30	.959	82	.864				
31	.768	.764	81	.742	.717	31	.964	83	.858				
32	.767	.768	82	.744	.734	32	.970	84	.851				
33	.766	.766	83	.753	.748	33	.977	85	.846				
34	.764	.758	84	.765	.761	34	.982	86	.846				
35	.762	.754	85	.766	.765	35	.990	87	.841				
36	.762	.748	86	.764	.764	36	.998	88	.836				
37	.761	.740	87	.762	.755	37	1.003	89	.835				
38	.760	.731	88	.761	.743	38	1.001	90	.825				
39	.760	.724	89	.759	.727	39	.992	91	.824				
40	.757	.720	90	.753	.719	40	.981	92	.824				
41	.755	.716	91	.744	.718	41	.972	93	.813				
42	.754	.714	92	.740	.719	42	.965	94	.807				
43	.749	.713	93	.735	.723	43	.948	95	.785				
44	.743	.713	94	.737	.724	44	.840	96	.815				
45	.740	.714	95	.733	.730	45	.823	97	1.020				
46	.738	.716	96	.736	.730	46	.801	98	1.031				
47	.740	.719				47	.775	99	1.092				
48	.739	.721				48	.748	100	1.057				
49	.738	.723				49	.718	101	.849				
50	.736	.724				50	.691	102	.652				
51	.737	.724				51	.663	103	.514				
52	.735	.727	PRISES COL			52	.624						
53	.735	.728											
54	.734	.729	.796	1.178		REFERENCE PROFIL							
55	.734	.730	.839	.943		.731							
56	.734	.730	.899	.855		.731							
57	.734	.728	.950	.804		.731							
58	.734	.726	1.121	.753		.730							

********** FICHIER AD220 N0(IT)= 4
6/ 3/84 18H20 M=.760 PI 1.7 TI=TA I=-2.00 (RM) AD220
DE AD219 4ITER.

MACH DE REFERENCE= .7667 UINF= 250.406 M/S
TIV=296.5 K PIV= 1735 MB

I	MACH PAROIS HAUT	BAS		I	HAUT	BAS	I	MACH PROFIL EXT	I	INT	I	T(K) TPR
1	.768	.762	PRISES DOUBLES				1	.199	53	.654	1	290.9
2	.766	.765					2	.042	54	.660	2	290.6
3	.766	.762		59	.764	.761	3	.144	55	.669	3	290.5
4	.765	.764		60	.769	.767	4	.253	56	.679	4	290.4
5	.766	.767		61	.768	.757	5	.340	57	.687	5	290.3
6	.765	.766					6	.405	58	.699	6	290.1
7	.765	.763	PRISES LAT. GAUCHES				7	.456	59	.710	7	290.2
8	.767	.761					8	.497	60	.722	8	290.6
9	.768	.768		62	.765	.766	9	.535	61	.736	9	293.1
10	.766	.759		63	.763	.766	10	.577	62	.750	10	292.7
11	.765	.764		64	.766	.759	11	.617	63	.766	11	292.1
12	.761	.766		65	.770	.751	12	.658	64	.782	12	291.8
13	.763	.762		66	.782	.763	13	.761	65	.800	13	292.0
14	.760	.762		67	.806	.803	14	.834	66	.820	14	292.2
15	.761	.763		68	.807	.805	15	.907	67	.842	15	292.2
16	.763	.761		69	.803	.780	16	.950	68	.867	16	290.9
17	.765	.757		70	.796	.752	17	.972	69	.893	17	290.5
18	.768	.751		71	.776	.749	18	.985	70	.919	18	290.4
19	.767	.751		72	.766	.758	19	.988	71	.945	19	291.2
20	.769	.754		73	.771	.768	20	.986	72	.966		
21	.772	.752					21	.988	73	.980	I	TPG
22	.773	.748	PRISES LAT. DROITES				22	.997	74	.992		
23	.776	.745					23	1.000	75	.992	1	296.0
24	.779	.753		74	.765	.765	24	1.001	76	.985	2	296.0
25	.782	.767		75	.766	.764	25	1.003	77	.978	3	296.5
26	.788	.777		76	.765	.761	26	1.004	78	.965	4	296.5
27	.794	.788		77	.761	.761	27	1.008	79	.950	5	296.5
28	.801	.801		78	.765	.758	28	1.014	80	.936		
29	.805	.809		79	.768	.749	29	1.022	81	.925		
30	.807	.813		80	.771	.752	30	1.029	82	.916		
31	.809	.809		81	.777	.748	31	1.038	83	.909		
32	.807	.814		82	.780	.766	32	1.047	84	.900		
33	.806	.810		83	.792	.786	33	1.057	85	.894		
34	.804	.800		84	.805	.804	34	1.068	86	.894		
35	.802	.794		85	.807	.810	35	1.080	87	.888		
36	.803	.786		86	.804	.807	36	1.098	88	.882		
37	.802	.777		87	.803	.796	37	1.115	89	.879		
38	.802	.766		88	.802	.780	38	1.131	90	.867		
39	.802	.758		89	.801	.762	39	1.117	91	.864		
40	.799	.754		90	.793	.753	40	1.100	92	.862		
41	.795	.749		91	.783	.751	41	1.098	93	.848		
42	.795	.747		92	.778	.750	42	1.093	94	.836		
43	.790	.746		93	.769	.757	43	.923	95	.842		
44	.783	.746		94	.768	.758	44	.863	96	.837		
45	.780	.746		95	.767	.759	45	.851	97	1.093		
46	.777	.747		96	.771	.759	46	.829	98	1.104		
47	.778	.750					47	.802	99	1.175		
48	.775	.753					48	.775	100	1.094		
49	.772	.757					49	.744	101	.871		
50	.768	.759					50	.716	102	.669		
51	.769	.758					51	.687	103	.524		
52	.767	.758		PRISES COL			52	.649				
53	.769	.761										
54	.769	.763		.835	1.205			REFERENCE PROFIL				
55	.770	.763		.873	.900			.766				
56	.769	.763		.927	.852			.766				
57	.769	.758		.973	.820			.766				
58	.767	.747		1.140	.789			.765				

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******************************   FICHIER AD221      N0(IT)=  5
 7/ 3/85  9H45   M=.725 PI 1.7 TI=TA  I=-1.00 (RM  )  AD221
DE AD207 4ITER.
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MACH DE REFERENCE= .7320 UINF= 238.552 M/S
TIV=292.5 K PIV= 1678 MB

MACH PAROIS I	HAUT	BAS		I	HAUT	BAS	MACH PROFIL I	EXT	I	INT	T(K) I	TPR
1	.733	.724	PRISES DOUBLES				1	.117	53	.627	1	288.8
2	.730	.727					2	.135	54	.633	2	287.9
3	.730	.725		59	.728	.724	3	.245	55	.640	3	288.6
4	.730	.727		60	.734	.731	4	.354	56	.648	4	288.7
5	.730	.730		61	.736	.727	5	.440	57	.657	5	288.6
6	.729	.728					6	.498	58	.666	6	288.6
7	.728	.725	PRISES LAT. GAUCHES				7	.542	59	.677	7	288.7
8	.731	.726					8	.577	60	.688	8	288.5
9	.732	.732		62	.730	.729	9	.611	61	.700	9	289.6
10	.732	.724		63	.730	.731	10	.650	62	.714	10	289.2
11	.732	.729		64	.734	.723	11	.687	63	.728	11	288.8
12	.730	.730		65	.739	.712	12	.727	64	.742	12	288.6
13	.734	.726		66	.757	.713	13	.826	65	.758	13	288.8
14	.731	.726		67	.773	.746	14	.893	66	.774	14	289.2
15	.731	.726		68	.774	.751	15	.961	67	.793	15	289.3
16	.732	.724		69	.770	.735	16	.995	68	.813	16	289.5
17	.733	.722		70	.760	.713	17	1.007	69	.834	17	289.2
18	.735	.719		71	.741	.712	18	1.011	70	.852	18	289.5
19	.735	.718		72	.735	.726	19	1.006	71	.870	19	289.6
20	.737	.717		73	.737	.733	20	.995	72	.883		
21	.741	.714					21	.991	73	.888	I	TPG
22	.745	.708	PRISES LAT. DROITES				22	.991	74	.893		
23	.749	.704					23	.988	75	.889	1	292.3
24	.753	.706		74	.730	.728	24	.985	76	.883	2	292.3
25	.756	.715		75	.729	.725	25	.982	77	.877	3	292.3
26	.760	.721		76	.730	.726	26	.982	78	.867	4	292.3
27	.764	.729		77	.731	.725	27	.982	79	.855	5	292.3
28	.769	.741		78	.733	.723	28	.985	80	.842		
29	.772	.749		79	.736	.717	29	.988	81	.832		
30	.772	.753		80	.740	.713	30	.991	82	.823		
31	.775	.751		81	.750	.706	31	.996	83	.815		
32	.774	.757		82	.754	.714	32	1.000	84	.806		
33	.774	.755		83	.763	.728	33	1.005	85	.798		
34	.772	.748		84	.772	.746	34	1.009	86	.795		
35	.771	.744		85	.774	.753	35	1.015	87	.785		
36	.771	.739		86	.772	.753	36	1.023	88	.773		
37	.768	.732		87	.771	.746	37	1.024	89	.764		
38	.767	.724		88	.769	.735	38	1.018	90	.753		
39	.766	.718		89	.764	.721	39	1.008	91	.748		
40	.762	.714		90	.758	.714	40	.999	92	.746		
41	.759	.711		91	.752	.712	41	.992	93	.738		
42	.760	.709		92	.743	.714	42	.974	94	.733		
43	.756	.708		93	.736	.721	43	.874	95	.729		
44	.752	.708		94	.737	.725	44	.855	96	.748		
45	.748	.708		95	.735	.735	45	.832	97	.779		
46	.745	.710		96	.737	.735	46	.804	98	.818		
47	.743	.713					47	.775	99	.891		
48	.740	.717					48	.747	100	.838		
49	.738	.721					49	.716	101	.684		
50	.736	.725					50	.689	102	.513		
51	.738	.726					51	.660	103	.378		
52	.736	.728		PRISES COL			52	.623				
53	.737	.728										
54	.736	.729		.795	1.179							
55	.737	.729		.838	.960							
56	.735	.730		.898	.857							
57	.735	.731		.949	.805							
58	.733	.735		1.121	.763							

REFERENCE PROFIL
.730
.730
.731
.729

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********************************  FICHIER AD223      N0(IT)=  4
 7/ 3/85 15H55   M=.775 PI 1.7 TI=TA  I=-1.00 (RM  )  AD223
DE AD209 4ITER.
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        MACH DE REFERENCE= .7821      UINF=  254.023 M/S
                          TIV=294.5 K      PIV=  1748 MB
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	MACH PAROIS						MACH PROFIL					T(K)	
I	HAUT	BAS		I	HAUT	BAS	I	EXT	I	INT		I	TPR
1	.786	.775	* PRISES DOUBLES				1	.114	53	.668		1	290.7
2	.785	.780	*				2	.117	54	.673		2	289.4
3	.784	.778	*	59	.781	.778	3	.229	55	.682		3	289.4
4	.781	.779	*	60	.787	.781	4	.342	56	.690		4	289.5
5	.780	.781	*	61	.785	.774	5	.429	57	.699		5	289.5
6	.780	.782	*				6	.490	58	.709		6	289.3
7	.781	.780	* PRISES LAT. GAUCHES				7	.537	59	.721		7	289.2
8	.782	.776	*				8	.575	60	.734		8	288.5
9	.783	.782	*	62	.782	.782	9	.611	61	.747		9	291.5
10	.784	.773	*	63	.779	.780	10	.652	62	.762		10	291.0
11	.783	.777	*	64	.785	.775	11	.692	63	.777		11	290.4
12	.778	.776	*	65	.788	.755	12	.733	64	.793		12	290.1
13	.781	.773	*	66	.814	.762	13	.840	65	.811		13	290.5
14	.778	.775	*	67	.836	.803	14	.916	66	.832		14	291.0
15	.780	.777	*	68	.840	.812	15	.998	67	.854		15	291.2
16	.780	.775	*	69	.836	.790	16	1.046	68	.879		16	290.3
17	.784	.773	*	70	.821	.761	17	1.071	69	.905		17	290.0
18	.787	.768	*	71	.792	.761	18	1.089	70	.931		18	290.3
19	.786	.763	*	72	.786	.773	19	1.102	71	.957		19	290.6
20	.786	.759	*	73	.786	.787	20	1.106	72	.978			
21	.790	.756	*				21	1.108	73	.990		I	TPG
22	.794	.755	* PRISES LAT. DROITES				22	1.111	74	.998			
23	.801	.752	*				23	1.110	75	.993		1	294.5
24	.808	.755	*	74	.782	.782	24	1.111	76	.981		2	294.5
25	.814	.766	*	75	.782	.779	25	1.113	77	.971		3	294.5
26	.820	.773	*	76	.782	.775	26	1.114	78	.955		4	294.4
27	.826	.783	*	77	.779	.772	27	1.116	79	.938		5	294.4
28	.832	.798	*	78	.784	.774	28	1.117	80	.921			
29	.836	.808	*	79	.787	.762	29	1.120	81	.908			
30	.837	.814	*	80	.789	.756	30	1.121	82	.896			
31	.841	.812	*	81	.802	.755	31	1.122	83	.886			
32	.841	.819	*	82	.811	.765	32	1.124	84	.875			
33	.841	.817	*	83	.824	.782	33	1.127	85	.866			
34	.839	.808	*	84	.835	.803	34	1.133	86	.862			
35	.837	.803	*	85	.839	.812	35	1.142	87	.851			
36	.838	.796	*	86	.838	.813	36	1.158	88	.839			
37	.835	.787	*	87	.837	.804	37	1.176	89	.830			
38	.833	.775	*	88	.835	.789	38	1.189	90	.815			
39	.831	.766	*	89	.829	.770	39	1.171	91	.817			
40	.826	.762	*	90	.818	.761	40	1.163	92	.806			
41	.821	.758	*	91	.803	.760	41	1.164	93	.794			
42	.820	.756	*	92	.794	.762	42	1.157	94	.788			
43	.811	.755	*	93	.786	.768	43	1.065	95	.763			
44	.802	.755	*	94	.788	.772	44	.937	96	.796			
45	.798	.755	*	95	.784	.776	45	.857	97	.873			
46	.794	.758	*	96	.785	.776	46	.819	98	.906			
47	.793	.762	*				47	.793	99	.988			
48	.791	.765	*				48	.769	100	.925			
49	.790	.768	*				49	.742	101	.744			
50	.786	.770	*				50	.718	102	.557			
51	.789	.773	*				51	.693	103	.416			
52	.785	.776	*	PRISES COL			52	.667					
53	.787	.779	*										
54	.787	.782	*	.853	1.217		*	REFERENCE PROFIL					
55	.788	.780	*	.890	.878		*	.782					
56	.786	.779	*	.940	.845		*	.782					
57	.784	.775	*	.984	.822		*	.782					
58	.779	.765	*	1.150	.795		*	.781					

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****************************   FICHIER AD224      N0(IT)=  4
 7/ 3/85 16H55   M=.775 PI 1.7 TI=TA  I=-0.00 (RM  )  AD224
DE AD205 4ITER.
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       MACH DE REFERENCE= .7823      UINF=  254.288 M/S
                     TIV=295.0 K      PIV=  1749 MB
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MACH PAROIS I	HAUT	BAS		MACH PROFIL I	EXT	I	INT	T(K) I	TPR
1	.789	.774	PRISES DOUBLES	1	.057	53	.675	1	291.2
2	.789	.781		2	.201	54	.679	2	289.3
3	.786	.779	59 .784 .776	3	.316	55	.685	3	289.3
4	.781	.779	60 .788 .781	4	.432	56	.693	4	289.5
5	.778	.780	61 .786 .774	5	.521	57	.701	5	289.7
6	.781	.781		6	.576	58	.710	6	289.7
7	.784	.779	PRISES LAT. GAUCHES	7	.617	59	.721	7	289.6
8	.784	.774		8	.651	60	.733	8	288.2
9	.784	.779	62 .783 .783	9	.683	61	.745	9	291.8
10	.785	.773	63 .780 .780	10	.722	62	.760	10	291.5
11	.783	.778	64 .789 .770	11	.760	63	.775	11	291.0
12	.777	.778	65 .797 .753	12	.801	64	.790	12	290.8
13	.781	.775	66 .823 .749	13	.910	65	.807	13	291.1
14	.781	.777	67 .857 .786	14	.985	66	.825	14	291.6
15	.784	.778	68 .859 .801	15	1.071	67	.847	15	291.7
16	.785	.774	69 .847 .785	16	1.115	68	.871	16	290.8
17	.788	.769	70 .825 .756	17	1.148	69	.894	17	289.9
18	.789	.760	71 .798 .759	18	1.166	70	.917	18	290.3
19	.790	.758	72 .788 .773	19	1.180	71	.939	19	290.9
20	.793	.760	73 .781 .787	20	1.186	72	.955		
21	.798	.755		21	1.188	73	.961	I	TPG
22	.802	.745	PRISES LAT. DROITES	22	1.196	74	.965		
23	.809	.738		23	1.200	75	.957	1	295.0
24	.816	.742	74 .783 .783	24	1.203	76	.944	2	295.0
25	.823	.751	75 .785 .777	25	1.206	77	.933	3	295.0
26	.831	.757	76 .784 .775	26	1.208	78	.918	4	295.0
27	.841	.766	77 .780 .774	27	1.211	79	.900	5	295.0
28	.851	.779	78 .788 .770	28	1.211	80	.883		
29	.857	.788	79 .791 .756	29	1.216	81	.869		
30	.860	.795	80 .797 .755	30	1.222	82	.856		
31	.864	.795	81 .810 .741	31	1.226	83	.844		
32	.864	.804	82 .820 .751	32	1.236	84	.832		
33	.862	.803	83 .839 .765	33	1.243	85	.821		
34	.858	.797	84 .856 .785	34	1.250	86	.814		
35	.853	.794	85 .861 .797	35	1.257	87	.799		
36	.851	.788	86 .857 .800	36	1.269	88	.783		
37	.846	.779	87 .852 .795	37	1.271	89	.766		
38	.841	.768	88 .847 .782	38	1.257	90	.753		
39	.837	.760	89 .836 .765	39	1.257	91	.755		
40	.831	.755	90 .822 .757	40	1.213	92	.737		
41	.825	.752	91 .808 .758	41	1.105	93	.728		
42	.824	.750	92 .800 .759	42	.994	94	.725		
43	.816	.751	93 .790 .766	43	.921	95	.721		
44	.807	.753	94 .789 .773	44	.877	96	.727		
45	.803	.754	95 .786 .774	45	.844	97	.726		
46	.800	.757	96 .781 .774	46	.816	98	.765		
47	.799	.760		47	.790	99	.819		
48	.797	.763		48	.766	100	.754		
49	.794	.767		49	.742	101	.606		
50	.789	.771		50	.719	102	.439		
51	.792	.774		51	.697	103	.304		
52	.786	.775	PRISES COL	52	.676				
53	.789	.779							
54	.789	.782	.855 1.214		REFERENCE PROFIL				
55	.789	.780	.891 .872		.782				
56	.785	.778	.941 .842		.783				
57	.781	.773	.985 .823		.782				
58	.769	.762	1.150 .795		.781				

********** FICHIER AD225 N0(IT)= 6
7/ 3/85 17H45 M=.775 PI=1.7 TI=TA I=-0.50 (RM) AD225
DE AD225 4ITER.

MACH DE REFERENCE= .7857 UINF= 255.522 M/S
TIV=295.6 K PIV= 1752 MB

MACH PAROIS							MACH PROFIL					T(K)
I	HAUT	BAS		I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.787	.775	PRISES DOUBLES				1	.074	53	.677	1	290.8
2	.786	.780					2	.156	54	.680	2	289.9
3	.785	.776		59	.783	.777	3	.270	55	.687	3	289.9
4	.782	.777		60	.788	.784	4	.384	56	.694	4	289.2
5	.780	.779		61	.789	.775	5	.473	57	.703	5	289.2
6	.781	.780					6	.532	58	.713	6	289.2
7	.783	.779	PRISES LAT. GAUCHES				7	.576	59	.724	7	289.2
8	.784	.777					8	.612	60	.736	8	288.3
9	.785	.784		62	.783	.780	9	.646	61	.749	9	291.6
10	.785	.776		63	.780	.784	10	.686	62	.764	10	291.2
11	.783	.780		64	.789	.773	11	.725	63	.780	11	290.7
12	.778	.779		65	.793	.757	12	.767	64	.795	12	290.5
13	.782	.775		66	.823	.758	13	.875	65	.814	13	290.8
14	.780	.776		67	.851	.798	14	.955	66	.833	14	291.3
15	.783	.777		68	.856	.812	15	1.037	67	.856	15	291.4
16	.784	.774		69	.847	.793	16	1.087	68	.881	16	290.7
17	.788	.771		70	.825	.760	17	1.113	69	.906	17	289.7
18	.790	.765		71	.796	.763	18	1.130	70	.932	18	290.1
19	.789	.762		72	.790	.776	19	1.145	71	.957	19	290.8
20	.789	.762		73	.788	.787	20	1.148	72	.977		
21	.794	.759					21	1.153	73	.987	I	TPC
22	.801	.752	PRISES LAT. DROITES				22	1.160	74	.992		
23	.809	.747					23	1.163	75	.984	1	295.5
24	.816	.750		74	.783	.779	24	1.165	76	.971	2	295.5
25	.822	.760		75	.784	.780	25	1.167	77	.959	3	295.5
26	.829	.768		76	.783	.778	26	1.170	78	.943	4	295.5
27	.837	.777		77	.780	.774	27	1.173	79	.924	5	295.5
28	.845	.791		78	.788	.772	28	1.171	80	.907		
29	.850	.801		79	.790	.761	29	1.177	81	.893		
30	.853	.809		80	.794	.758	30	1.181	82	.880		
31	.858	.809		81	.811	.750	31	1.184	83	.869		
32	.859	.818		82	.819	.760	32	1.191	84	.856		
33	.858	.817		83	.835	.777	33	1.196	85	.847		
34	.856	.810		84	.850	.798	34	1.202	86	.841		
35	.853	.806		85	.855	.809	35	1.211	87	.827		
36	.851	.799		86	.853	.813	36	1.226	88	.812		
37	.846	.799		87	.851	.807	37	1.239	89	.798		
38	.841	.776		88	.847	.792	38	1.248	90	.784		
39	.837	.766		89	.836	.770	39	1.233	91	.783		
40	.830	.761		90	.822	.760	40	1.230	92	.773		
41	.825	.756		91	.808	.759	41	1.181	93	.765		
42	.823	.754		92	.798	.765	42	1.061	94	.759		
43	.815	.752		93	.790	.772	43	.949	95	.762		
44	.807	.754		94	.792	.775	44	.889	96	.767		
45	.802	.755		95	.789	.782	45	.852	97	.789		
46	.799	.759		96	.787	.784	46	.823	98	.835		
47	.797	.765					47	.796	99	.906		
48	.795	.769					48	.771	100	.842		
49	.794	.772					49	.745	101	.678		
50	.790	.774					50	.720	102	.500		
51	.795	.776					51	.697	103	.362		
52	.789	.777	PRISES COL				52	.674				
53	.792	.779										
54	.792	.782			.855	1.218		REFERENCE PROFIL				
55	.792	.781			.892	.876		.782				
56	.789	.781			.942	.845		.783				
57	.786	.780			.985	.823		.783				
58	.780	.776			1.151	.796		.782				

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**********************************  FICHIER AD227      N0(IT)=  4
 8/ 3/84 10H20   M=.725 PI=2.5 TI=TA  I=-0.25 (RM  )  AD227
DE AD226 5ITER.
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      MACH DE REFERENCE= .7346      UINF=  240.793 M/S
                        TIV=296.1 K      PIV=  2509 MB
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MACH PAROIS I	HAUT	BAS	I	HAUT	BAS	MACH PROFIL I	EXT	I	INT	T(K) I	TPR
1	.734	.725	PRISES DOUBLES			1	.085	53	.652	1	292.1
2	.728	.725				2	.202	54	.652	2	290.3
3	.730	.724	59	.727	.722	3	.309	55	.657	3	290.5
4	.734	.732	60	.736	.732	4	.421	56	.663	4	290.5
5	.735	.736	61	.738	.728	5	.505	57	.670	5	290.6
6	.729	.729				6	.558	58	.678	6	290.7
7	.727	.723	PRISES LAT. GAUCHES			7	.598	59	.686	7	290.8
8	.734	.728				8	.631	60	.696	8	291.6
9	.738	.739	62	.731	.733	9	.662	61	.708	9	292.7
10	.734	.724	63	.736	.732	10	.702	62	.721	10	292.4
11	.734	.730	64	.737	.727	11	.738	63	.734	11	291.9
12	.733	.734	65	.743	.711	12	.776	64	.747	12	291.8
13	.736	.728	66	.764	.713	13	.877	65	.763	13	292.0
14	.731	.725	67	.780	.742	14	.952	66	.777	14	292.5
15	.731	.727	68	.778	.750	15	1.020	67	.796	15	292.6
16	.734	.728	69	.772	.737	16	1.065	68	.815	16	291.1
17	.737	.725	70	.766	.715	17	1.071	69	.835	17	291.0
18	.740	.719	71	.742	.718	18	1.077	70	.852	18	290.9
19	.740	.718	72	.736	.723	19	1.072	71	.869	19	291.5
20	.742	.717	73	.745	.735	20	1.042	72	.879		
21	.746	.714				21	1.027	73	.883	I	TPG
22	.750	.707	PRISES LAT. DROITES			22	1.022	74	.886		
23	.755	.703				23	1.018	75	.881	1	296.1
24	.759	.706	74	.731	.731	24	1.010	76	.873	2	296.1
25	.763	.714	75	.728	.724	25	.997	77	.866	3	296.0
26	.767	.721	76	.732	.727	26	.978	78	.855	4	296.0
27	.771	.727	77	.731	.725	27	.986	79	.842	5	296.0
28	.776	.738	78	.737	.726	28	.991	80	.829		
29	.779	.745	79	.740	.716	29	.995	81	.818		
30	.779	.750	80	.745	.712	30	.997	82	.808		
31	.781	.749	81	.756	.705	31	.999	83	.798		
32	.780	.754	82	.763	.715	32	1.004	84	.788		
33	.778	.754	83	.770	.727	33	1.005	85	.781		
34	.776	.748	84	.778	.743	34	1.008	86	.775		
35	.773	.746	85	.780	.750	35	1.011	87	.763		
36	.773	.741	86	.776	.751	36	1.016	88	.748		
37	.771	.734	87	.774	.747	37	1.013	89	.734		
38	.770	.727	88	.772	.736	38	1.004	90	.719		
39	.770	.720	89	.769	.722	39	.985	91	.729		
40	.767	.718	90	.763	.716	40	.961	92	.714		
41	.764	.713	91	.755	.716	41	.936	93	.707		
42	.764	.712	92	.743	.718	42	.907	94	.704		
43	.760	.711	93	.738	.723	43	.880	95	.701		
44	.754	.712	94	.738	.723	44	.849	96	.705		
45	.750	.713	95	.733	.733	45	.819	97	.707		
46	.746	.715	96	.744	.733	46	.797	98	.748		
47	.743	.719				47	.758	99	.803		
48	.741	.721				48	.731	100	.746		
49	.741	.723				49	.706	101	.605		
50	.740	.726				50	.685	102	.442		
51	.739	.724				51	.665	103	.314		
52	.739	.731	PRISES COL			52	.650				
53	.737	.730									
54	.734	.729	.796	1.179		REFERENCE PROFIL					
55	.736	.731	.825	1.244		.732					
56	.739	.734	.898	1.349		.734					
57	.742	.731	.950	.912		.732					
58	.744	.728	1.122	.842		.730					

********** FICHIER AD228 N0(IT)= 4
8/ 3/84 11H 0 M=.725 PI=2.9 TI=TA I=-0.25 (RMP) AD228
DE AD227 4 IEME ITE

MACH DE REFERENCE= .7299 UINF= 239.740 M/S
TIV=297.0 K PIV= 2900 MB

MACH PAROIS I	HAUT	BAS
1	.730	.721
2	.725	.722
3	.727	.721
4	.731	.729
5	.731	.732
6	.726	.726
7	.725	.721
8	.731	.724
9	.734	.735
10	.730	.721
11	.730	.727
12	.728	.731
13	.733	.725
14	.729	.722
15	.729	.723
16	.732	.724
17	.732	.721
18	.733	.715
19	.733	.713
20	.738	.712
21	.744	.710
22	.747	.706
23	.751	.702
24	.754	.703
25	.759	.710
26	.763	.716
27	.767	.722
28	.771	.732
29	.772	.740
30	.773	.744
31	.775	.743
32	.773	.749
33	.772	.748
34	.770	.743
35	.767	.740
36	.767	.735
37	.766	.729
38	.765	.721
39	.765	.716
40	.761	.713
41	.759	.709
42	.759	.707
43	.754	.707
44	.749	.707
45	.744	.709
46	.743	.710
47	.743	.714
48	.739	.715
49	.737	.720
50	.734	.724
51	.733	.722
52	.737	.729
53	.736	.726
54	.734	.726
55	.734	.728
56	.736	.730
57	.735	.729
58	.736	.728

PRISES DOUBLES I	HAUT	BAS
59	.724	.718
60	.733	.729
61	.737	.726

PRISES LAT. GAUCHES I	HAUT	BAS
62	.727	.729
63	.734	.729
64	.733	.723
65	.741	.707
66	.760	.709
67	.774	.737
68	.773	.745
69	.767	.731
70	.760	.711
71	.741	.713
72	.731	.722
73	.738	.731

PRISES LAT. DROITES I	HAUT	BAS
74	.729	.727
75	.725	.721
76	.729	.723
77	.728	.722
78	.733	.722
79	.734	.712
80	.743	.708
81	.752	.705
82	.758	.710
83	.765	.721
84	.772	.738
85	.774	.744
86	.771	.745
87	.769	.741
88	.766	.731
89	.764	.717
90	.757	.712
91	.749	.712
92	.743	.713
93	.734	.720
94	.734	.721
95	.732	.731
96	.737	.730

PRISES COL		
	.791	1.177
	.835	1.246
	.896	.929
	.948	.833
	1.122	.785

MACH PROFIL I	EXT	I	INT
1	.092	53	.649
2	.203	54	.649
3	.311	55	.653
4	.421	56	.659
5	.505	57	.666
6	.557	58	.674
7	.598	59	.682
8	.631	60	.692
9	.661	61	.703
10	.702	62	.716
11	.736	63	.729
12	.775	64	.742
13	.875	65	.758
14	.947	66	.771
15	1.015	67	.789
16	1.059	68	.809
17	1.061	69	.827
18	1.063	70	.844
19	1.052	71	.861
20	1.027	72	.871
21	1.015	73	.875
22	1.013	74	.877
23	1.003	75	.874
24	.981	76	.864
25	.980	77	.858
26	.978	78	.847
27	.980	79	.835
28	.983	80	.821
29	.986	81	.811
30	.987	82	.801
31	.988	83	.792
32	.992	84	.782
33	.993	85	.776
34	.996	86	.770
35	.999	87	.757
36	1.003	88	.743
37	.999	89	.733
38	.992	90	.716
39	.974	91	.729
40	.953	92	.710
41	.928	93	.703
42	.900	94	.701
43	.874	95	.699
44	.843	96	.702
45	.814	97	.705
46	.783	98	.745
47	.753	99	.800
48	.727	100	.743
49	.702	101	.605
50	.682	102	.443
51	.664	103	.316
52	.650		

T(K) I	TPR
1	293.9
2	291.7
3	291.7
4	291.6
5	291.8
6	291.9
7	292.0
8	292.7
9	294.0
10	293.7
11	293.2
12	293.0
13	293.3
14	293.8
15	293.9
16	292.1
17	292.3
18	291.8
19	292.7

I	TPG
1	296.9
2	296.9
3	296.9
4	296.8
5	296.8

REFERENCE PROFIL
.728
.730
.728
.725

```
****************************   FICHIER AD229      N0(IT)=  4
 8/ 3/85 11H55   M=.723 PI=3.3 TI=TA  I=-0.25 (RMP )  AD229
DE AD228 4 IEME ITE
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MACH DE REFERENCE= .7299 UINF= 239.878 M/S
TIV=297.3 K PIV= 3301 MB

I	MACH PAROIS HAUT	MACH PAROIS BAS	I	MACH PROFIL EXT	I	MACH PROFIL INT	I	T(K) TPR
1	.731	.722	PRISES DOUBLES	.085	53	.649	1	293.7
2	.724	.722		.201	54	.649	2	292.1
3	.727	.721	59 .724 .718	.308	55	.653	3	292.3
4	.731	.729	60 .733 .730	.421	56	.659	4	292.0
5	.731	.733	61 .735 .724	.505	57	.665	5	292.1
6	.726	.726		.556	58	.674	6	292.1
7	.724	.720	PRISES LAT. GAUCHES	.597	59	.682	7	292.1
8	.731	.724		.630	60	.691	8	292.8
9	.734	.736	62 .727 .730	.660	61	.703	9	294.1
10	.730	.721	63 .735 .729	.702	62	.716	10	293.8
11	.730	.727	64 .733 .724	.736	63	.729	11	293.3
12	.728	.731	65 .741 .707	.775	64	.742	12	293.1
13	.733	.724	66 .759 .711	.874	65	.757	13	293.4
14	.729	.722	67 .774 .739	.946	66	.769	14	293.9
15	.729	.723	68 .772 .746	1.014	67	.787	15	294.1
16	.732	.724	69 .766 .732	1.056	68	.807	16	292.8
17	.732	.721	70 .760 .711	1.059	69	.826	17	292.9
18	.733	.715	71 .739 .714	1.060	70	.843	18	292.5
19	.733	.713	72 .733 .720	1.050	71	.860	19	293.3
20	.738	.712	73 .737 .732	1.022	72	.870		
21	.745	.710		1.010	73	.874	I	TPG
22	.747	.706	PRISES LAT. DROITES	1.011	74	.876		
23	.751	.702		.992	75	.872	1	297.2
24	.753	.703	74 .728 .728	.988	76	.863	2	297.2
25	.758	.710	75 .726 .720	.985	77	.857	3	297.2
26	.762	.716	76 .729 .723	.981	78	.846	4	297.1
27	.766	.722	77 .728 .722	.982	79	.834	5	297.1
28	.770	.733	78 .733 .722	.983	80	.820		
29	.772	.740	79 .733 .712	.986	81	.810		
30	.772	.745	80 .743 .709	.987	82	.800		
31	.774	.743	81 .752 .705	.987	83	.791		
32	.772	.749	82 .758 .710	.991	84	.781		
33	.771	.748	83 .765 .722	.992	85	.777		
34	.769	.742	84 .772 .739	.993	86	.770		
35	.766	.740	85 .774 .745	.996	87	.757		
36	.767	.736	86 .770 .746	.999	88	.743		
37	.765	.729	87 .768 .742	.997	89	.735		
38	.764	.722	88 .766 .731	.990	90	.717		
39	.764	.716	89 .763 .718	.973	91	.730		
40	.761	.714	90 .756 .711	.951	92	.710		
41	.758	.710	91 .749 .712	.926	93	.700		
42	.758	.708	92 .741 .714	.899	94	.700		
43	.753	.707	93 .735 .720	.873	95	.698		
44	.748	.708	94 .735 .719	.842	96	.702		
45	.743	.709	95 .730 .725	.813	97	.705		
46	.741	.711	96 .736 .725	.781	98	.746		
47	.740	.716		.752	99	.802		
48	.738	.717		.726	100	.745		
49	.738	.720		.701	101	.606		
50	.736	.723		.682	102	.443		
51	.734	.720		.664	103	.315		
52	.736	.727	PRISES COL	.651				
53	.734	.726						
54	.731	.726	.789 1.177	REFERENCE PROFIL				
55	.732	.729	.835 1.245	.727				
56	.734	.731	.896 .909	.730				
57	.735	.725	.948 .828	.728				
58	.735	.717	1.122 .781	.724				

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********************************   FICHIER AD230      N0(IT)=  4
 8/ 3/85 16H15   M=.723 PI=2.9 TI=240 I=-0.25 (RMPT)  AD230
DE AD229 4 IEME ITE
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MACH DE REFERENCE= .7299 UINF= 215.723 M/S
TIV=240.4 K PIV= 2903 MB

MACH PAROIS						MACH PROFIL				T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPP
			PRISES DOUBLES			1	.073	53	.649	1	236.8
1	.731	.721				2	.188	54	.649	2	234.9
2	.726	.724				3	.299	55	.653	3	234.3
3	.727	.722	59	.726	.721	4	.412	56	.659	4	235.2
4	.729	.728	60	.735	.732	5	.497	57	.666	5	235.1
5	.728	.732	61	.734	.724	6	.548	58	.674	6	235.0
6	.726	.727				7	.599	59	.682	7	234.9
7	.726	.723	PRISES LAT. GAUCHES			8	.623	60	.692	8	235.7
8	.732	.724				9	.653	61	.704	9	237.3
9	.734	.735	62	.727	.731	10	.696	62	.717	10	236.3
10	.733	.723	63	.735	.732	11	.730	63	.731	11	235.9
11	.731	.730	64	.734	.723	12	.768	64	.743	12	235.9
12	.728	.732	65	.737	.706	13	.867	65	.759	13	236.2
13	.733	.726	66	.759	.711	14	.942	66	.773	14	236.3
14	.730	.722	67	.773	.740	15	1.005	67	.791	15	236.3
15	.729	.722	68	.771	.747	16	1.063	68	.810	16	236.5
16	.732	.721	69	.766	.733	17	1.054	69	.829	17	235.8
17	.733	.720	70	.760	.712	18	1.051	70	.847	18	235.3
18	.735	.718	71	.736	.712	19	1.038	71	.863	19	237.8
19	.733	.715	72	.733	.722	20	.999	72	.873		
20	.735	.711	73	.736	.732	21	1.000	73	.877	I	TPG
21	.739	.708				22	1.014	74	.880		
22	.742	.706	PRISES LAT. DROITES			23	.995	75	.875	1	240.8
23	.747	.703				24	.989	76	.866	2	240.9
24	.752	.704	74	.727	.729	25	.984	77	.860	3	240.6
25	.758	.711	75	.729	.723	26	.979	78	.849	4	240.2
26	.762	.717	76	.731	.725	27	.980	79	.836	5	240.4
27	.766	.723	77	.729	.723	28	.981	80	.823		
28	.769	.734	78	.733	.721	29	.982	81	.813		
29	.771	.741	79	.733	.714	30	.983	82	.803		
30	.771	.746	80	.738	.707	31	.983	83	.793		
31	.773	.745	81	.748	.705	32	.987	84	.783		
32	.772	.751	82	.758	.710	33	.987	85	.778		
33	.770	.750	83	.765	.723	34	.989	86	.774		
34	.768	.744	84	.771	.740	35	.992	87	.760		
35	.765	.742	85	.772	.746	36	.996	88	.748		
36	.765	.737	86	.769	.747	37	.992	89	.739		
37	.764	.730	87	.767	.743	38	.984	90	.721		
38	.763	.723	88	.765	.733	39	.968	91	.727		
39	.764	.717	89	.763	.719	40	.947	92	.715		
40	.760	.715	90	.757	.712	41	.923	93	.704		
41	.758	.710	91	.750	.712	42	.895	94	.699		
42	.758	.709	92	.739	.713	43	.869	95	.696		
43	.755	.707	93	.734	.720	44	.840	96	.705		
44	.749	.708	94	.736	.721	45	.809	97	.710		
45	.745	.709	95	.731	.727	46	.779	98	.752		
46	.741	.710	96	.735	.726	47	.751	99	.811		
47	.738	.714				48	.725	100	.754		
48	.736	.716				49	.701	101	.613		
49	.736	.720				50	.682	102	.449		
50	.735	.723				51	.664	103	.321		
51	.734	.722				52	.651				
52	.735	.728	PRISES COL								
53	.734	.726									
54	.731	.726	.782	1.177		REFERENCE PROFIL					
55	.732	.728	.827	1.244		.728					
56	.733	.730	.896	.911		.731					
57	.733	.725	.948	.831		.728					
58	.735	.721	1.124	.782		.725					

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****************************   FICHIER AD233      N0(IT)=  4
11/ 3/85 15H10   M=.727 PI=1.7 TI=296 I=-0.25 (RM  )  AD233
DE AD226 5 IEME ITE
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        MACH DE REFERENCE= .7280      UINF=  237.665 M/S
                          TIV=293.2 K      PIV=  1688 MB
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I	MACH PAROIS HAUT	MACH PAROIS BAS		I	MACH PAROIS HAUT	MACH PAROIS BAS		I	MACH PROFIL EXT	I	MACH PROFIL INT		I	T(K) TPR
1	.730	.720	* PRISES DOUBLES				*	1	.070	53	.651	*	1	290.4
2	.728	.723	*				*	2	.193	54	.651	*	2	289.8
3	.728	.722	*	59	.727	.722	*	3	.301	55	.653	*	3	291.4
4	.728	.725	*	60	.733	.728	*	4	.413	56	.660	*	4	291.3
5	.727	.728	*	61	.731	.721	*	5	.499	57	.666	*	5	290.1
6	.726	.726	*				*	6	.553	58	.674	*	6	289.3
7	.727	.723	* PRISES LAT. GAUCHES				*	7	.594	59	.682	*	7	289.3
8	.730	.723	*				*	8	.627	60	.692	*	8	290.0
9	.731	.730	*	62	.727	.727	*	9	.658	61	.704	*	9	291.0
10	.730	.721	*	63	.728	.728	*	10	.695	62	.717	*	10	290.7
11	.730	.726	*	64	.733	.721	*	11	.732	63	.730	*	11	290.4
12	.727	.726	*	65	.739	.704	*	12	.770	64	.742	*	12	290.1
13	.731	.723	*	66	.756	.706	*	13	.871	65	.758	*	13	290.4
14	.728	.722	*	67	.771	.735	*	14	.942	66	.774	*	14	290.8
15	.730	.723	*	68	.770	.744	*	15	1.012	67	.791	*	15	291.2
16	.731	.721	*	69	.765	.731	*	16	1.043	68	.811	*	16	289.5
17	.732	.719	*	70	.758	.710	*	17	1.058	69	.830	*	17	293.2
18	.732	.715	*	71	.740	.712	*	18	1.060	70	.848	*	18	292.2
19	.733	.712	*	72	.731	.720	*	19	1.048	71	.863	*	19	288.4
20	.737	.709	*	73	.731	.729	*	20	1.027	72	.874	*		
21	.741	.706	*				*	21	1.014	73	.877	*	I	TPG
22	.743	.704	* PRISES LAT. DROITES				*	22	1.010	74	.880	*		
23	.746	.700	*				*	23	1.004	75	.876	*	1	293.3
24	.750	.701	*	74	.728	.726	*	24	.998	76	.870	*	2	293.3
25	.755	.708	*	75	.728	.723	*	25	.994	77	.861	*	3	293.2
26	.759	.713	*	76	.729	.723	*	26	.986	78	.850	*	4	293.2
27	.763	.719	*	77	.728	.721	*	27	.982	79	.837	*	5	293.1
28	.768	.730	*	78	.732	.721	*	28	.982	80	.824	*		
29	.770	.740	*	79	.733	.711	*	29	.983	81	.813	*		
30	.770	.742	*	80	.741	.706	*	30	.984	82	.803	*		
31	.773	.742	*	81	.747	.702	*	31	.985	83	.794	*		
32	.771	.748	*	82	.753	.707	*	32	.988	84	.783	*		
33	.770	.747	*	83	.763	.719	*	33	.991	85	.775	*		
34	.768	.742	*	84	.771	.735	*	34	.995	86	.769	*		
35	.766	.739	*	85	.772	.742	*	35	.998	87	.757	*		
36	.766	.734	*	86	.768	.744	*	36	1.003	88	.744	*		
37	.764	.727	*	87	.766	.739	*	37	1.001	89	.731	*		
38	.763	.721	*	88	.765	.730	*	38	.993	90	.720	*		
39	.764	.714	*	89	.762	.716	*	39	.976	91	.718	*		
40	.760	.711	*	90	.756	.710	*	40	.956	92	.710	*		
41	.757	.708	*	91	.748	.710	*	41	.930	93	.703	*		
42	.757	.706	*	92	.742	.713	*	42	.903	94	.699	*		
43	.752	.705	*	93	.734	.717	*	43	.873	95	.697	*		
44	.746	.706	*	94	.734	.719	*	44	.843	96	.700	*		
45	.743	.706	*	95	.731	.729	*	45	.813	97	.704	*		
46	.741	.709	*	96	.731	.728	*	46	.782	98	.744	*		
47	.743	.713	*				*	47	.753	99	.796	*		
48	.738	.715	*				*	48	.727	100	.739	*		
49	.736	.717	*				*	49	.702	101	.599	*		
50	.732	.719	*				*	50	.680	102	.439	*		
51	.732	.719	*				*	51	.662	103	.309	*		
52	.732	.723	*	PRISES COL			*	52	.645					
53	.733	.724	*											
54	.732	.725	*		.793	1.177	*		REFERENCE PROFIL					
55	.733	.725	*		.836	.989	*		.730					
56	.731	.726	*		.897	.864	*		.730					
57	.730	.726	*		.947	.809	*		.728					
58	.727	.728	*		1.120	.766	*		.727					

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********************************   FICHIER AD234      N0(IT)=  4
11/ 3/84 16H 5   M=.727 PI=1.7 TI=120 I=-0.25 (RM  )  AD234
DE AD230 4 IEME ITE
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MACH DE REFERENCE= .7309 UINF= 152.129 M/S
TIV=119.3 K PIV= 1627 MB

I	MACH PAROIS HAUT	BAS	I	HAUT	BAS
1	.733	.724	PRISES DOUBLES		
2	.731	.731			
3	.731	.725	59	.729	.724
4	.730	.726	60	.735	.734
5	.728	.728	61	.733	.724
6	.728	.728			
7	.729	.726	PRISES LAT. GAUCHES		
8	.730	.723			
9	.731	.733	62	.729	.731
10	.733	.724	63	.726	.731
11	.731	.730	64	.732	.724
12	.727	.729	65	.737	.705
13	.732	.724	66	.761	.714
14	.731	.723	67	.775	.739
15	.729	.725	68	.773	.748
16	.730	.723	69	.767	.734
17	.731	.722	70	.762	.711
18	.734	.716	71	.738	.714
19	.734	.715	72	.733	.722
20	.735	.712	73	.735	.733
21	.739	.710			
22	.743	.704	PRISES LAT. DROITES		
23	.747	.700			
24	.752	.705	74	.729	.730
25	.759	.713	75	.731	.725
26	.763	.720	76	.730	.725
27	.769	.726	77	.727	.722
28	.771	.735	78	.731	.722
29	.773	.743	79	.733	.713
30	.773	.744	80	.738	.708
31	.775	.743	81	.748	.702
32	.774	.750	82	.759	.713
33	.772	.749	83	.767	.724
34	.770	.744	84	.773	.738
35	.767	.741	85	.775	.745
36	.767	.737	86	.771	.745
37	.767	.730	87	.768	.742
38	.766	.723	88	.767	.732
39	.766	.716	89	.765	.718
40	.762	.714	90	.758	.711
41	.760	.709	91	.749	.713
42	.760	.708	92	.739	.716
43	.756	.708	93	.734	.720
44	.751	.709	94	.736	.722
45	.746	.711	95	.733	.728
46	.742	.714	96	.733	.727
47	.740	.717			
48	.739	.719			
49	.737	.721			
50	.736	.722			
51	.735	.724			
52	.734	.728			
53	.736	.728			
54	.735	.728			
55	.736	.729			
56	.734	.729			
57	.733	.726			
58	.732	.726			

PRISES COL

.795	1.179
.842	.897
.900	.840
.950	.794
1.128	.752

I	MACH PROFIL EXT	I	INT
1	.085	53	.651
2	.183	54	.651
3	.290	55	.655
4	.408	56	.660
5	.495	57	.667
6	.544	58	.675
7	.586	59	.683
8	.620	60	.694
9	.649	61	.706
10	.699	62	.719
11	.727	63	.732
12	.766	64	.745
13	.858	65	.761
14	.933	66	.777
15	1.001	67	.795
16	1.047	68	.815
17	1.056	69	.833
18	1.055	70	.851
19	1.039	71	.868
20	1.009	72	.878
21	1.004	73	.882
22	1.013	74	.884
23	.996	75	.879
24	.992	76	.874
25	.987	77	.865
26	.982	78	.853
27	.982	79	.840
28	.985	80	.828
29	.987	81	.817
30	.987	82	.807
31	.987	83	.797
32	.991	84	.787
33	.992	85	.778
34	.994	86	.775
35	.997	87	.763
36	1.000	88	.751
37	.997	89	.739
38	.988	90	.724
39	.971	91	.721
40	.951	92	.716
41	.926	93	.703
42	.898	94	.701
43	.870	95	.699
44	.842	96	.702
45	.810	97	.695
46	.781	98	.759
47	.752	99	.815
48	.727	100	.758
49	.703	101	.616
50	.684	102	.450
51	.667	103	.317
52	.653		

REFERENCE PROFIL

.729
.728
.728
.728

I	T(K) TPR
1	118.0
2	117.6
3	117.4
4	118.0
5	117.4
6	117.6
7	117.4
8	118.4
9	118.0
10	118.1
11	117.7
12	117.9
13	118.0
14	118.1
15	117.9
16	121.2
17	118.5
18	119.6
19	123.2

I	TPG
1	120.6
2	120.8
3	120.3
4	119.8
5	119.4

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****************************   FICHIER AD235      N0(IT)=  4
11/ 3/85 17H15   M=.760 PI=1.7 TI=300 I=+0.25 (RM  )  AD235
DE AD65  4 IEME ITE
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        MACH DE REFERENCE= .7634      UINF=  247.931 M/S
                      TIV=293.0 K      PIV=  1723 MB
          ********************************************************************
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MACH PAROIS							MACH PROFIL					T(K)	
I	HAUT	BAS		I	HAUT	BAS	I	EXT	I	INT		I	TPR
1	.767	.754	* PRISES DOUBLES				1	.069	53	.651		1	289.0
2	.767	.758	*				2	.245	54	.656		2	287.7
3	.767	.756	*	59	.763	.755	3	.357	55	.662		3	288.9
4	.764	.756	*	60	.769	.763	4	.473	56	.671		4	289.2
5	.762	.759	*	61	.768	.755	5	.561	57	.678		5	289.4
6	.762	.758	*				6	.613	58	.688		6	289.2
7	.763	.757	* PRISES LAT. GAUCHES				7	.651	59	.699		7	287.9
8	.764	.756	*				8	.682	60	.711		8	287.3
9	.765	.762	*	62	.765	.760	9	.712	61	.723		9	289.8
10	.766	.754	*	63	.762	.762	10	.750	62	.737		10	289.5
11	.766	.760	*	64	.770	.752	11	.786	63	.751		11	289.2
12	.761	.759	*	65	.777	.732	12	.826	64	.765		12	289.0
13	.765	.755	*	66	.810	.726	13	.933	65	.781		13	289.3
14	.763	.756	*	67	.832	.758	14	1.008	66	.798		14	289.7
15	.764	.757	*	68	.833	.774	15	1.086	67	.818		15	290.0
16	.765	.755	*	69	.824	.761	16	1.130	68	.839		16	287.2
17	.769	.751	*	70	.809	.736	17	1.162	69	.859		17	292.4
18	.773	.743	*	71	.778	.741	18	1.178	70	.879		18	289.8
19	.773	.741	*	72	.770	.755	19	1.191	71	.896		19	283.4
20	.773	.739	*	73	.763	.765	20	1.195	72	.908			
21	.778	.735	*				21	1.197	73	.912		I	TPG
22	.785	.726	* PRISES LAT. DROITES				22	1.202	74	.913			
23	.794	.718	*				23	1.203	75	.908		1	292.9
24	.802	.719	*	74	.765	.759	24	1.203	76	.900		2	293.0
25	.809	.727	*	75	.764	.756	25	1.205	77	.888		3	292.9
26	.816	.733	*	76	.764	.758	26	1.207	78	.874		4	292.8
27	.822	.739	*	77	.763	.754	27	1.208	79	.858		5	292.8
28	.829	.751	*	78	.769	.752	28	1.210	80	.843			
29	.831	.762	*	79	.773	.739	29	1.213	81	.830			
30	.832	.766	*	80	.778	.734	30	1.217	82	.818			
31	.836	.767	*	81	.796	.721	31	1.220	83	.807			
32	.834	.775	*	82	.807	.729	32	1.225	84	.794			
33	.833	.775	*	83	.821	.739	33	1.225	85	.784			
34	.830	.769	*	84	.831	.758	34	1.214	86	.776			
35	.826	.767	*	85	.834	.769	35	1.200	87	.760			
36	.826	.762	*	86	.831	.773	36	1.193	88	.744			
37	.822	.754	*	87	.828	.770	37	1.192	89	.726			
38	.820	.745	*	88	.824	.759	38	1.189	90	.714			
39	.820	.737	*	89	.819	.743	39	1.005	91	.707			
40	.814	.733	*	90	.807	.736	40	.918	92	.697			
41	.809	.730	*	91	.789	.739	41	.932	93	.687			
42	.807	.728	*	92	.781	.742	42	.924	94	.681			
43	.796	.730	*	93	.771	.749	43	.909	95	.675			
44	.787	.733	*	94	.773	.753	44	.882	96	.678			
45	.782	.734	*	95	.768	.762	45	.853	97	.673			
46	.779	.737	*	96	.765	.762	46	.823	98	.699			
47	.779	.741	*				47	.794	99	.735			
48	.777	.745	*				48	.764	100	.675			
49	.775	.749	*				49	.734	101	.541			
50	.771	.753	*				50	.706	102	.384			
51	.770	.754	*				51	.678	103	.256			
52	.769	.757	*	PRISES COL			52	.653					
53	.771	.759	*										
54	.770	.759	*	.830	1.204		*	REFERENCE PROFIL					
55	.771	.759	*	.870	.896		*	.763					
56	.767	.759	*	.924	.849		*	.762					
57	.764	.759	*	.970	.815		*	.763					
58	.756	.760	*	1.139	.785		*	.761					

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**********************************  FICHIER AD236        N0(IT)=  4
12/ 3/85  9H10   M=.757 PI=1.7 TI=300 I=+0.25 (RM  )  AD236
DE AD235 4 IEME ITE
-------------------------------------------------------------------------------
      MACH DE REFERENCE= .7607        UINF=  246.588 M/S
                    TIV=291.6 K       PIV=  1718 MB
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MACH PAROIS

I	HAUT	BAS	I	HAUT	BAS
1	.764	.751	PRISES DOUBLES		
2	.764	.756			
3	.763	.753	59	.760	.752
4	.761	.754	60	.765	.759
5	.760	.756	61	.762	.750
6	.759	.755			
7	.760	.754	PRISES LAT. GAUCHES		
8	.760	.754			
9	.761	.760	62	.762	.757
10	.762	.751	63	.759	.759
11	.762	.755	64	.765	.749
12	.757	.754	65	.775	.730
13	.761	.750	66	.803	.723
14	.759	.751	67	.828	.754
15	.760	.753	68	.829	.767
16	.761	.751	69	.821	.757
17	.764	.747	70	.802	.736
18	.767	.740	71	.775	.737
19	.768	.737	72	.764	.749
20	.770	.736	73	.760	.760
21	.776	.732			
22	.782	.723	PRISES LAT. DROITES		
23	.790	.716			
24	.797	.717	74	.761	.756
25	.803	.725	75	.762	.754
26	.810	.730	76	.761	.755
27	.817	.737	77	.760	.750
28	.825	.748	78	.764	.748
29	.828	.759	79	.769	.736
30	.830	.763	80	.776	.731
31	.834	.763	81	.792	.718
32	.832	.771	82	.801	.725
33	.831	.771	83	.815	.736
34	.828	.764	84	.827	.753
35	.824	.762	85	.831	.765
36	.823	.758	86	.828	.768
37	.819	.751	87	.824	.765
38	.816	.743	88	.820	.755
39	.813	.736	89	.812	.742
40	.807	.733	90	.799	.735
41	.803	.730	91	.785	.735
42	.800	.728	92	.778	.739
43	.791	.728	93	.767	.745
44	.783	.729	94	.767	.749
45	.778	.730	95	.763	.760
46	.776	.733	96	.761	.760
47	.777	.738			
48	.774	.741			
49	.771	.745			
50	.766	.748			
51	.765	.749			
52	.764	.751			
53	.766	.753	PRISES COL		
54	.765	.755			
55	.766	.755	.826	1.201	
56	.763	.756	.867	.899	
57	.760	.756	.921	.851	
58	.752	.758	.968	.815	
			1.137	.782	

MACH PROFIL

I	EXT	I	INT
1	.061	53	.650
2	.244	54	.654
3	.360	55	.662
4	.475	56	.669
5	.563	57	.677
6	.615	58	.686
7	.652	59	.697
8	.683	60	.708
9	.713	61	.721
10	.751	62	.734
11	.787	63	.749
12	.826	64	.762
13	.932	65	.778
14	1.009	66	.796
15	1.087	67	.815
16	1.124	68	.836
17	1.162	69	.856
18	1.178	70	.875
19	1.190	71	.893
20	1.191	72	.904
21	1.195	73	.908
22	1.200	74	.909
23	1.201	75	.903
24	1.203	76	.895
25	1.203	77	.884
26	1.203	78	.870
27	1.203	79	.854
28	1.205	80	.840
29	1.206	81	.827
30	1.210	82	.815
31	1.211	83	.803
32	1.210	84	.791
33	1.195	85	.781
34	1.181	86	.772
35	1.175	87	.759
36	1.173	88	.741
37	1.110	89	.724
38	.932	90	.710
39	.959	91	.704
40	.977	92	.694
41	.967	93	.685
42	.942	94	.680
43	.918	95	.674
44	.887	96	.676
45	.854	97	.670
46	.823	98	.696
47	.793	99	.733
48	.762	100	.672
49	.732	101	.537
50	.704	102	.380
51	.677	103	.252
52	.663		

REFERENCE PROFIL

I	TPG
1	291.7
2	291.7
3	291.6
4	291.6
5	291.6

I	T(K) TPG
1	287.
2	289.
3	286.
4	286.
5	286.
6	286.
7	285.
8	286.
9	286.
10	286.
11	286.
12	287.
13	286.
14	286.
15	286.
16	287.
17	286.
18	287.
19	287.

.759
.760
.759
.759

C-3

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****************************   FICHIER AD238      N0(IT)=  4
12/ 3/84 12H 5   M=.754 PI=3.3 TI=300 I=+0.25 (RMP )  AD238
DE AD237 4IEME ITE
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        MACH DE REFERENCE= .7600      UINF=  248.202 M/S
                    TIV=296.0 K       PIV=  3292 MB
          ********************************************************************
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MACH PAROIS I	HAUT	BAS		MACH PAROIS I	HAUT	BAS		MACH PROFIL I	EXT	I	INT		T(K) I	TPR
1	.762	.751	* PRISES DOUBLES				*	1	.071	53	.665	*	1	291.8
2	.757	.752	*				*	2	.241	54	.665	*	2	289.6
3	.758	.749	*	59	.755	.747	*	3	.354	55	.669	*	3	289.2
4	.760	.755	*	60	.766	.757	*	4	.471	56	.675	*	4	289.0
5	.759	.758	*	61	.766	.748	*	5	.558	57	.682	*	5	289.2
6	.756	.753	*				*	6	.608	58	.691	*	6	289.7
7	.755	.749	* PRISES LAT. GAUCHES				*	7	.647	59	.701	*	7	289.6
8	.761	.753	*				*	8	.679	60	.710	*	8	290.6
9	.765	.765	*	62	.758	.758	*	9	.709	61	.723	*	9	292.3
10	.761	.751	*	63	.763	.761	*	10	.749	62	.737	*	10	292.0
11	.760	.757	*	64	.766	.750	*	11	.783	63	.750	*	11	291.5
12	.756	.759	*	65	.774	.730	*	12	.827	64	.763	*	12	291.3
13	.761	.752	*	66	.803	.729	*	13	.930	65	.779	*	13	291.7
14	.758	.749	*	67	.824	.756	*	14	1.009	66	.793	*	14	292.2
15	.758	.750	*	68	.824	.769	*	15	1.084	67	.812	*	15	292.5
16	.762	.749	*	69	.814	.756	*	16	1.135	68	.834	*	16	289.9
17	.764	.747	*	70	.799	.734	*	17	1.159	69	.854	*	17	289.6
18	.766	.742	*	71	.772	.737	*	18	1.174	70	.873	*	18	289.5
19	.767	.739	*	72	.764	.749	*	19	1.187	71	.889	*	19	290.2
20	.769	.736	*	73	.764	.761	*	20	1.190	72	.901	*		
21	.779	.732	*				*	21	1.191	73	.905	*	I	TPG
22	.784	.727	* PRISES LAT. DROITES				*	22	1.195	74	.906	*		
23	.791	.721	*				*	23	1.195	75	.900	*	1	295.8
24	.796	.722	*	74	.758	.755	*	24	1.195	76	.892	*	2	295.8
25	.801	.729	*	75	.757	.750	*	25	1.194	77	.881	*	3	295.8
26	.808	.735	*	76	.760	.753	*	26	1.194	78	.868	*	4	295.8
27	.814	.740	*	77	.757	.749	*	27	1.193	79	.852	*	5	295.7
28	.820	.750	*	78	.765	.748	*	28	1.191	80	.837	*		
29	.822	.758	*	79	.768	.738	*	29	1.185	81	.825	*		
30	.823	.763	*	80	.776	.732	*	30	1.187	82	.813	*		
31	.826	.764	*	81	.793	.735	*	31	1.185	83	.802	*		
32	.824	.771	*	82	.801	.729	*	32	1.184	84	.790	*		
33	.822	.770	*	83	.812	.739	*	33	1.085	85	.783	*		
34	.819	.766	*	84	.821	.756	*	34	.986	86	.775	*		
35	.816	.764	*	85	.824	.763	*	35	.993	87	.760	*		
36	.815	.760	*	86	.822	.769	*	36	1.019	88	.743	*		
37	.811	.753	*	87	.818	.767	*	37	1.047	89	.725	*		
38	.809	.744	*	88	.813	.755	*	38	1.071	90	.708	*		
39	.806	.737	*	89	.805	.740	*	39	1.041	91	.713	*		
40	.801	.735	*	90	.796	.735	*	40	.996	92	.700	*		
41	.797	.731	*	91	.786	.737	*	41	.968	93	.692	*		
42	.796	.729	*	92	.774	.737	*	42	.937	94	.686	*		
43	.791	.730	*	93	.765	.749	*	43	.907	95	.681	*		
44	.785	.732	*	94	.766	.748	*	44	.875	96	.682	*		
45	.780	.734	*	95	.763	.745	*	45	.843	97	.679	*		
46	.777	.735	*	96	.763	.746	*	46	.810	98	.707	*		
47	.773	.738	*				*	47	.780	99	.749	*		
48	.770	.742	*				*	48	.751	100	.688	*		
49	.768	.749	*				*	49	.725	101	.551	*		
50	.765	.754	*				*	50	.702	102	.394	*		
51	.764	.749	*				*	51	.681	103	.267	*		
52	.766	.752	*	PRISES COL			*	52	.661					
53	.766	.753	*											
54	.765	.757	*	.822	1.198		*	REFERENCE PROFIL						
55	.765	.759	*	.864	1.234		*	.757						
56	.764	.761	*	.919	.937		*	.760						
57	.763	.749	*	.966	.855		*	.756						
58	.757	.729	*	1.138	.815		*	.753						

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********************************  FICHIER AD239      N0(IT)=  4
12/ 3/85 14H25   M=.755 PI=2.9 TI=300 I=+0.25 (RMP )  AD239
DE AD238 4IEME ITE
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        MACH DE REFERENCE= .7598      UINF=  248.043 M/S
                          TIV=295.7 K      PIV=  2899 MB
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MACH PAROIS I	HAUT	BAS	I	HAUT	BAS
1	.763	.749	PRISES DOUBLES		
2	.758	.752			
3	.758	.751	59	.756	.747
4	.760	.758	60	.767	.756
5	.760	.761	61	.764	.752
6	.757	.755			
7	.756	.749	PRISES LAT. GAUCHES		
8	.762	.751			
9	.765	.762	62	.758	.760
10	.762	.750	63	.764	.759
11	.761	.757	64	.765	.749
12	.758	.760	65	.775	.728
13	.763	.753	66	.802	.726
14	.759	.750	67	.826	.757
15	.760	.750	68	.825	.767
16	.762	.749	69	.816	.752
17	.764	.746	70	.803	.732
18	.765	.740	71	.774	.738
19	.767	.738	72	.763	.750
20	.771	.734	73	.764	.760
21	.780	.730			
22	.783	.726	PRISES LAT. DROITES		
23	.789	.721			
24	.794	.719	74	.759	.757
25	.801	.726	75	.758	.751
26	.808	.731	76	.761	.753
27	.815	.737	77	.759	.750
28	.822	.750	78	.765	.748
29	.826	.759	79	.768	.736
30	.826	.764	80	.778	.729
31	.830	.765	81	.791	.724
32	.828	.772	82	.801	.725
33	.825	.769	83	.814	.737
34	.822	.763	84	.824	.757
35	.819	.760	85	.827	.766
36	.818	.755	86	.822	.767
37	.814	.747	87	.819	.762
38	.813	.740	88	.815	.751
39	.812	.733	89	.811	.737
40	.806	.731	90	.800	.733
41	.802	.728	91	.783	.736
42	.801	.727	92	.776	.738
43	.790	.728	93	.767	.746
44	.782	.731	94	.765	.748
45	.777	.733	95	.762	.753
46	.774	.735	96	.763	.753
47	.773	.739			
48	.773	.741			
49	.770	.746			
50	.766	.750			
51	.763	.749			
52	.765	.755			
53	.765	.755			
54	.764	.755			
55	.764	.756			
56	.764	.758			
57	.762	.752			
58	.757	.744			

MACH PROFIL I	EXT	I	INT
1	.063	53	.650
2	.246	54	.654
3	.358	55	.661
4	.476	56	.669
5	.564	57	.676
6	.614	58	.686
7	.652	59	.696
8	.684	60	.707
9	.714	61	.719
10	.752	62	.733
11	.787	63	.746
12	.831	64	.759
13	.934	65	.775
14	1.016	66	.790
15	1.090	67	.810
16	1.145	68	.830
17	1.165	69	.850
18	1.180	70	.869
19	1.193	71	.886
20	1.196	72	.897
21	1.197	73	.901
22	1.202	74	.903
23	1.202	75	.897
24	1.203	76	.890
25	1.202	77	.879
26	1.202	78	.865
27	1.200	79	.850
28	1.201	80	.835
29	1.201	81	.823
30	1.202	82	.811
31	1.203	83	.800
32	1.192	84	.788
33	1.175	85	.790
34	1.169	86	.771
35	1.091	87	.757
36	.925	88	.739
37	.979	89	.720
38	1.031	90	.703
39	1.040	91	.707
40	1.004	92	.695
41	.976	93	.686
42	.945	94	.679
43	.917	95	.674
44	.885	96	.675
45	.854	97	.671
46	.819	98	.697
47	.789	99	.736
48	.758	100	.675
49	.728	101	.539
50	.701	102	.383
51	.676	103	.255
52	.648		

T(K) I	TPR
1	291.5
2	289.1
3	288.6
4	288.7
5	288.8
6	289.0
7	289.1
8	290.2
9	292.1
10	291.9
11	291.3
12	291.2
13	291.5
14	292.0
15	292.2
16	289.1
17	288.9
18	288.7
19	289.6

I	TPG
1	295.7
2	295.7
3	295.6
4	295.6
5	295.6

PRISES COL		
	.822	1.199
	.864	1.235
	.913	.973
	.966	.860
	1.138	.819

REFERENCE PROFIL
.758
.761
.758
.755

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******************************   FICHIER AD244      N0(IT)=  4
13/ 3/85 16H50  M=.755 PI=1.7 TI=120  I=+0.25  (RMP ) AD244
DE   AD239  4' ITER.
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MACH DE REFERENCE= .7622 UINF= 157.873 M/S
TIV=119.1 K PIV= 1639 MB

I	MACH PAROIS HAUT	MACH PAROIS BAS		I	MACH PAROIS HAUT	MACH PAROIS BAS
1	.765	.754	PRISES DOUBLES			
2	.765	.761				
3	.764	.754		59	.761	.755
4	.761	.754		60	.768	.762
5	.757	.755		61	.766	.756
6	.759	.756				
7	.761	.757	PRISES LAT. GAUCHES			
8	.761	.755				
9	.762	.764		62	.761	.759
10	.764	.756		63	.756	.764
11	.762	.760		64	.766	.755
12	.757	.758		65	.775	.732
13	.763	.753		66	.805	.733
14	.763	.754		67	.827	.763
15	.762	.757		68	.824	.776
16	.763	.755		69	.813	.761
17	.764	.751		70	.802	.742
18	.768	.743		71	.774	.741
19	.767	.740		72	.769	.757
20	.770	.738		73	.768	.766
21	.771	.735				
22	.782	.728	PRISES LAT. DROITES			
23	.789	.722				
24	.795	.724		74	.761	.759
25	.803	.732		75	.764	.757
26	.810	.740		76	.762	.758
27	.818	.746		77	.759	.752
28	.823	.758		78	.765	.753
29	.826	.766		79	.768	.739
30	.826	.772		80	.775	.734
31	.829	.771		81	.791	.725
32	.826	.778		82	.804	.733
33	.823	.776		83	.816	.745
34	.818	.770		84	.825	.763
35	.814	.767		85	.827	.771
36	.813	.763		86	.822	.773
37	.811	.755		87	.816	.769
38	.810	.749		88	.812	.757
39	.809	.743		89	.808	.745
40	.803	.741		90	.798	.740
41	.800	.736		91	.784	.741
42	.799	.736		92	.776	.741
43	.792	.736		93	.769	.750
44	.783	.737		94	.771	.756
45	.779	.738		95	.767	.760
46	.776	.740		96	.766	.757
47	.775	.742				
48	.774	.744				
49	.772	.750				
50	.769	.754				
51	.771	.758				
52	.768	.760	PRISES COL			
53	.770	.760				
54	.769	.762		.832	1.150	
55	.770	.761		.874	.861	
56	.766	.760		.927	.823	
57	.766	.757		.973	.797	
58	.764	.754		1.148	.762	

I	MACH PROFIL EXT	I	INT
1	.067	53	.673
2	.219	54	.673
3	.334	55	.677
4	.453	56	.682
5	.542	57	.690
6	.591	58	.699
7	.631	59	.708
8	.663	60	.718
9	.695	61	.730
10	.742	62	.745
11	.770	63	.758
12	.811	64	.772
13	.920	65	.787
14	.995	66	.805
15	1.071	67	.824
16	1.119	68	.846
17	1.149	69	.868
18	1.157	70	.888
19	1.162	71	.906
20	1.165	72	.919
21	1.167	73	.922
22	1.170	74	.923
23	1.172	75	.917
24	1.174	76	.908
25	1.172	77	.896
26	1.170	78	.882
27	1.171	79	.866
28	1.172	80	.850
29	1.174	81	.837
30	1.176	82	.825
31	1.174	83	.814
32	1.173	84	.802
33	1.141	85	.789
34	1.008	86	.784
35	1.001	87	.770
36	1.024	88	.754
37	1.047	89	.735
38	1.062	90	.720
39	1.023	91	.715
40	.992	92	.710
41	.963	93	.696
42	.933	94	.691
43	.902	95	.684
44	.870	96	.693
45	.838	97	.697
46	.807	98	.724
47	.779	99	.770
48	.752	100	.708
49	.728	101	.567
50	.707	102	.405
51	.690	103	.267
52	.676		

T(K) I	T(K) TPR
1	117.5
2	117.0
3	116.3
4	117.1
5	116.4
6	116.8
7	116.6
8	117.6
9	118.2
10	117.6
11	117.2
12	117.4
13	117.6
14	117.6
15	117.2
16	118.8
17	116.7
18	117.0
19	120.4

I	TPG
1	120.4
2	120.3
3	119.8
4	119.3
5	119.3

REFERENCE PROFIL
.758
.759
.759
.756

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******************************   FICHIER AD246      N0(IT)=  4
14/ 3/85 11H25  M=.759 PI=1.7 TI=300  I=+1.00  (RM  ) AD246
DE   AD245  4' ITER.
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MACH DE REFERENCE= .7646 UINF= 247.822 M/S
TIV=291.9 K PIV= 1690 MB

	MACH PAROIS						MACH PROFIL					T(K)	
I	HAUT	BAS		I	HAUT	BAS	I	EXT	I	INT		I	TPR
1	.770	.756	PRISES DOUBLES				1	.080	53	.701		1	288.6
2	.769	.760					2	.275	54	.697		2	286.9
3	.768	.758		59	.764	.760	3	.390	55	.699		3	286.7
4	.764	.757		60	.770	.761	4	.502	56	.703		4	286.4
5	.762	.760		61	.767	.753	5	.595	57	.708		5	286.4
6	.763	.762					6	.647	58	.714		6	287.1
7	.765	.762	PRISES LAT. GAUCHES				7	.681	59	.722		7	287.7
8	.765	.759					8	.710	60	.732		8	288.2
9	.765	.764		62	.766	.760	9	.740	61	.743		9	289.3
10	.766	.755		63	.762	.763	10	.774	62	.756		10	288.9
11	.765	.758		64	.769	.752	11	.809	63	.768		11	288.5
12	.760	.757		65	.782	.731	12	.848	64	.781		12	288.4
13	.764	.753		66	.807	.725	13	.938	65	.797		13	288.7
14	.764	.754		67	.834	.761	14	.998	66	.815		14	289.2
15	.767	.755		68	.832	.774	15	1.088	67	.834		15	289.4
16	.767	.752		69	.821	.764	16	1.147	68	.854		16	289.8
17	.771	.750		70	.806	.745	17	1.187	69	.874		17	287.9
18	.775	.747		71	.779	.743	18	1.204	70	.892		18	288.4
19	.769	.744		72	.771	.755	19	1.216	71	.909		19	288.4
20	.775	.739		73	.766	.767	20	1.220	72	.920			
21	.781	.733					21	1.222	73	.922		I	TPG
22	.790	.725	PRISES LAT. DROITES				22	1.234	74	.921			
23	.797	.719					23	1.231	75	.913		1	291.8
24	.802	.720		74	.766	.760	24	1.233	76	.903		2	291.8
25	.807	.728		75	.766	.762	25	1.233	77	.890		3	291.8
26	.814	.733		76	.765	.758	26	1.234	78	.874		4	291.8
27	.821	.741		77	.764	.753	27	1.236	79	.857		5	291.8
28	.830	.754		78	.768	.751	28	1.236	80	.841			
29	.834	.764		79	.770	.741	29	1.240	81	.827			
30	.835	.771		80	.783	.733	30	1.243	82	.814			
31	.838	.770		81	.798	.721	31	1.247	83	.801			
32	.836	.779		82	.804	.727	32	1.254	84	.787			
33	.834	.779		83	.820	.741	33	1.259	85	.776			
34	.829	.773		84	.833	.759	34	1.219	86	.766			
35	.825	.770		85	.835	.770	35	1.043	87	.751			
36	.823	.767		86	.830	.774	36	.989	88	.732			
37	.820	.761		87	.825	.769	37	.971	89	.712			
38	.817	.754		88	.821	.762	38	.961	90	.697			
39	.817	.749		89	.816	.751	39	.950	91	.688			
40	.811	.746		90	.804	.744	40	.935	92	.677			
41	.807	.743		91	.786	.739	41	.916	93	.667			
42	.805	.741		92	.781	.745	42	.892	94	.660			
43	.795	.738		93	.772	.751	43	.867	95	.651			
44	.786	.738		94	.772	.755	44	.841	96	.654			
45	.781	.737		95	.768	.747	45	.816	97	.645			
46	.779	.740		96	.765	.746	46	.793	98	.662			
47	.782	.744					47	.773	99	.688			
48	.779	.749					48	.756	100	.625			
49	.776	.752					49	.743	101	.495			
50	.771	.754					50	.730	102	.344			
51	.771	.755					51	.722	103	.215			
52	.768	.755	PRISES COL				52	.712					
53	.771	.758											
54	.771	.762			.839	1.208		REFERENCE PROFIL					
55	.771	.759			.877	.869		.764					
56	.768	.757			.929	.837		.764					
57	.765	.749			.975	.810		.764					
58	.756	.728			1.142	.777		.764					

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*****************************   FICHIER AD247      N0(IT)=  4
14/ 3/85 14H35  M=.726 PI=1.7 TI=300  I=+1.00  (RM  ) AD247
DE   AD246  4' ITER.
-------------------------------------------------------------------------------
        MACH DE REFERENCE= .7320      UINF=  238.690 M/S
                    TIV=292.8 K       PIV=  1677 MB
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I	MACH PAROIS HAUT	MACH PAROIS BAS		I	MACH PROFIL EXT	I	MACH PROFIL INT		I	T(K) TPR
1	.736	.724	* PRISES DOUBLES	1	.094	53	.672		1	289.7
2	.735	.728	*	2	.296	54	.668		2	288.0
3	.735	.726	* 59 .731 .724	3	.411	55	.669		3	288.2
4	.733	.726	* 60 .738 .730	4	.521	56	.672		4	288.6
5	.732	.728	* 61 .736 .724	5	.612	57	.678		5	288.5
6	.731	.728	*	6	.692	58	.684		6	288.6
7	.732	.726	* PRISES LAT. GAUCHES	7	.695	59	.692		7	288.8
8	.733	.726	*	8	.721	60	.700		8	289.5
9	.734	.732	* 62 .733 .728	9	.748	61	.710		9	290.5
10	.734	.725	* 63 .732 .731	10	.780	62	.721		10	290.2
11	.734	.729	* 64 .735 .720	11	.814	63	.733		11	289.8
12	.730	.728	* 65 .746 .700	12	.853	64	.745		12	289.7
13	.733	.724	* 66 .768 .698	13	.945	65	.759		13	290.0
14	.731	.723	* 67 .785 .723	14	.997	66	.776		14	290.4
15	.733	.723	* 68 .783 .736	15	1.078	67	.792		15	290.6
16	.734	.720	* 69 .776 .730	16	1.136	68	.809		16	290.1
17	.738	.719	* 70 .766 .712	17	1.171	69	.826		17	289.5
18	.744	.716	* 71 .742 .713	18	1.183	70	.842		18	289.7
19	.742	.713	* 72 .737 .723	19	1.189	71	.855		19	289.7
20	.742	.708	* 73 .732 .733	20	1.186	72	.861			
21	.745	.703	*	21	1.183	73	.863		I	TPG
22	.754	.697	* PRISES LAT. DROITES	22	1.188	74	.863			
23	.760	.693	*	23	1.176	75	.856		1	292.6
24	.764	.694	* 74 .734 .729	24	1.157	76	.849		2	292.8
25	.769	.701	* 75 .732 .725	25	1.008	77	.838		3	292.8
26	.773	.704	* 76 .732 .726	26	.976	78	.826		4	292.7
27	.777	.709	* 77 .731 .722	27	.979	79	.811		5	292.7
28	.783	.719	* 78 .734 .719	28	.987	80	.797			
29	.785	.726	* 79 .746 .711	29	.993	81	.784			
30	.785	.731	* 80 .745 .702	30	.997	82	.773			
31	.787	.731	* 81 .760 .695	31	.999	83	.762			
32	.785	.739	* 82 .766 .700	32	1.000	84	.749			
33	.784	.740	* 83 .776 .709	33	1.000	85	.738			
34	.781	.737	* 84 .783 .722	34	.999	86	.729			
35	.779	.736	* 85 .784 .732	35	.997	87	.715			
36	.778	.733	* 86 .781 .736	36	.996	88	.697			
37	.775	.728	* 87 .778 .735	37	.987	89	.677			
38	.774	.723	* 88 .776 .728	38	.975	90	.664			
39	.774	.718	* 89 .772 .717	39	.957	91	.653			
40	.769	.714	* 90 .764 .711	40	.934	92	.644			
41	.767	.711	* 91 .755 .709	41	.908	93	.633			
42	.767	.710	* 92 .743 .714	42	.882	94	.626			
43	.762	.707	* 93 .736 .719	43	.852	95	.618			
44	.755	.708	* 94 .739 .721	44	.821	96	.617			
45	.751	.708	* 95 .736 .723	45	.794	97	.607			
46	.747	.710	* 96 .732 .724	46	.765	98	.619			
47	.745	.715	*	47	.743	99	.637			
48	.741	.717	*	48	.724	100	.576			
49	.740	.719	*	49	.708	101	.454			
50	.737	.721	*	50	.694	102	.309			
51	.738	.723	*	51	.685	103	.184			
52	.737	.725	* PRISES COL	52	.680					
53	.739	.727	*							
54	.738	.728	* .801 1.184		REFERENCE PROFIL					
55	.737	.727	* .843 .939		.731					
56	.735	.726	* .903 .858		.732					
57	.732	.723	* .953 .809		.731					
58	.724	.716	* 1.124 .766		.731					

********** FICHIER AD248 N0(IT)= 4
15/ 3/85 9H30 M=.695 PI=1.7 TI=300 I=+1.00 (RM) AD248
DE AD247 4' ITER.

MACH DE REFERENCE= .6988 UINF= 228.316 M/S
TIV=291.5 K PIV= 1599 MB

MACH PAROIS I	HAUT	BAS		MACH PAROIS I	HAUT	BAS		MACH PROFIL I	EXT	I	INT		T(K) I	TPR
1	.703	.692	PRISES DOUBLES					1	0.000	53	.644		1	288.4
2	.702	.695						2	.309	54	.639		2	287.8
3	.702	.694		59	.699	.692		3	.422	55	.640		3	287.5
4	.701	.694		60	.704	.697		4	.531	56	.644		4	287.6
5	.699	.696		61	.704	.690		5	.620	57	.648		5	287.6
6	.699	.695						6	.696	58	.654		6	287.7
7	.699	.694	PRISES LAT. GAUCHES					7	.697	59	.661		7	287.9
8	.701	.694						8	.721	60	.669		8	288.4
9	.701	.699		62	.700	.696		9	.747	61	.677		9	289.3
10	.701	.693		63	.700	.698		10	.778	62	.689		10	289.8
11	.699	.696		64	.704	.688		11	.811	63	.700		11	288.7
12	.696	.696		65	.715	.675		12	.848	64	.710		12	288.6
13	.700	.692		66	.732	.669		13	.936	65	.723		13	288.9
14	.699	.691		67	.743	.692		14	.991	66	.737		14	289.2
15	.701	.691		68	.742	.701		15	1.066	67	.751		15	289.3
16	.703	.689		69	.738	.693		16	1.104	68	.767		16	288.6
17	.705	.687		70	.729	.679		17	1.123	69	.782		17	288.5
18	.709	.683		71	.712	.681		18	1.112	70	.795		18	288.7
19	.707	.683		72	.704	.693		19	1.017	71	.807		19	288.8
20	.711	.681		73	.700	.697		20	1.001	72	.813			
21	.713	.676						21	.993	73	.814		I	TPG
22	.719	.668	PRISES LAT. DROITES					22	.991	74	.814			
23	.723	.662						23	.976	75	.809		1	291.5
24	.727	.664		74	.701	.696		24	.968	76	.803		2	291.4
25	.732	.671		75	.700	.694		25	.960	77	.793		3	291.4
26	.735	.674		76	.699	.694		26	.954	78	.782		4	291.4
27	.737	.680		77	.699	.691		27	.951	79	.770		5	291.4
28	.741	.688		78	.703	.688		28	.948	80	.757			
29	.741	.694		79	.711	.680		29	.946	81	.746			
30	.742	.698		80	.714	.676		30	.945	82	.735			
31	.743	.698		81	.724	.664		31	.942	83	.725			
32	.742	.704		82	.730	.670		32	.940	84	.713			
33	.741	.703		83	.737	.679		33	.939	85	.704			
34	.739	.699		84	.741	.691		34	.937	86	.695			
35	.738	.698		85	.742	.698		35	.936	87	.681			
36	.738	.695		86	.740	.701		36	.934	88	.665			
37	.736	.691		87	.739	.698		37	.929	89	.647			
38	.736	.686		88	.737	.691		38	.919	90	.633			
39	.735	.682		89	.734	.683		39	.906	91	.624			
40	.732	.680		90	.728	.680		40	.887	92	.614			
41	.729	.678		91	.717	.682		41	.865	93	.604			
42	.728	.677		92	.714	.682		42	.840	94	.596			
43	.722	.678		93	.705	.688		43	.816	95	.587			
44	.717	.679		94	.705	.691		44	.788	96	.587			
45	.713	.680		95	.704	.699		45	.760	97	.577			
46	.713	.681		96	.700	.697		46	.735	98	.593			
47	.714	.682						47	.712	99	.596			
48	.711	.684						48	.693	100	.538			
49	.708	.688						49	.678	101	.421			
50	.704	.692						50	.667	102	.282			
51	.704	.692						51	.659	103	.161			
52	.705	.692	PRISES COL					52	.651					
53	.706	.692												
54	.705	.693		.766	1.158			REFERENCE PROFIL						
55	.704	.695		.813	.934			.700						
56	.702	.696		.878	.843			.701						
57	.700	.696		.934	.781			.699						
58	.695	.696		1.104	.735			.699						

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****************************   FICHIER AD249      N0(IT)=  4
15/ 3/85 10H50  M=.696 PI=1.7 TI=300  I=+0.00  (RM  ) AD249
DE   AD248  4' ITER.
-------------------------------------------------------------------------------
        MACH DE REFERENCE= .6997      UINF=  228.890 M/S
                          TIV=292.3 K      PIV=  1597 MB
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MACH PAROIS							MACH PROFIL					T(K)	
I	HAUT	BAS		I	HAUT	BAS	I	EXT	I	INT		I	TPR
1	.702	.695	* PRISES DOUBLES				1	.054	53	.640		1	288.9
2	.700	.697	*				2	.199	54	.638		2	288.0
3	.700	.695	*	59	.698	.694	3	.311	55	.640		3	288.3
4	.699	.696	*	60	.705	.698	4	.416	56	.644		4	288.2
5	.699	.698	*	61	.703	.692	5	.502	57	.650		5	288.2
6	.698	.698	*				6	.557	58	.656		6	288.2
7	.699	.695	* PRISES LAT. GAUCHES				7	.592	59	.664		7	288.3
8	.701	.694	*				8	.623	60	.672		8	288.7
9	.702	.699	*	62	.699	.698	9	.654	61	.683		9	289.6
10	.701	.693	*	63	.700	.699	10	.687	62	.695		10	289.3
11	.701	.697	*	64	.703	.694	11	.722	63	.706		11	289.0
12	.698	.698	*	65	.709	.679	12	.760	64	.718		12	288.9
13	.701	.694	*	66	.725	.682	13	.848	65	.731		13	289.1
14	.700	.695	*	67	.733	.703	14	.932	66	.747		14	289.4
15	.701	.696	*	68	.735	.711	15	.970	67	.763		15	289.4
16	.702	.695	*	69	.733	.703	16	.989	68	.780		16	288.8
17	.704	.693	*	70	.725	.686	17	.992	69	.797		17	288.7
18	.707	.687	*	71	.707	.685	18	.986	70	.811		18	288.8
19	.703	.685	*	72	.703	.693	19	.965	71	.824		19	289.0
20	.707	.683	*	73	.704	.700	20	.953	72	.832			
21	.708	.680	*				21	.947	73	.835		I	TPG
22	.713	.676	* PRISES LAT. DROITES				22	.948	74	.836			
23	.717	.674	*				23	.937	75	.832		1	292.2
24	.721	.677	*	74	.700	.697	24	.933	76	.827		2	292.2
25	.725	.685	*	75	.700	.696	25	.928	77	.818		3	292.1
26	.728	.689	*	76	.700	.695	26	.924	78	.809		4	292.1
27	.729	.694	*	77	.700	.693	27	.923	79	.797		5	292.1
28	.732	.701	*	78	.702	.694	28	.923	80	.786			
29	.733	.706	*	79	.708	.683	29	.923	81	.776			
30	.733	.710	*	80	.709	.680	30	.923	82	.767			
31	.735	.709	*	81	.717	.675	31	.922	83	.758			
32	.735	.714	*	82	.723	.684	32	.923	84	.749			
33	.735	.714	*	83	.728	.693	33	.923	85	.741			
34	.734	.710	*	84	.732	.703	34	.923	86	.735			
35	.733	.709	*	85	.734	.709	35	.923	87	.724			
36	.734	.706	*	86	.733	.711	36	.925	88	.712			
37	.732	.702	*	87	.734	.709	37	.922	89	.698			
38	.732	.696	*	88	.733	.702	38	.916	90	.689			
39	.731	.691	*	89	.729	.691	39	.904	91	.683			
40	.728	.688	*	90	.723	.686	40	.887	92	.677			
41	.725	.686	*	91	.715	.684	41	.867	93	.669			
42	.725	.683	*	92	.709	.686	42	.844	94	.666			
43	.720	.682	*	93	.703	.691	43	.820	95	.663			
44	.716	.682	*	94	.704	.692	44	.794	96	.666			
45	.711	.682	*	95	.702	.696	45	.766	97	.667			
46	.710	.683	*	96	.704	.695	46	.739	98	.700			
47	.709	.686	*				47	.715	99	.744			
48	.707	.689	*				48	.694	100	.690			
49	.706	.691	*				49	.677	101	.561			
50	.703	.693	*				50	.663	102	.408			
51	.704	.693	*				51	.652	103	.282			
52	.704	.693	*	PRISES COL			52	.644					
53	.704	.695	*										
54	.703	.696	*	.767	1.156		REFERENCE PROFIL						
55	.704	.696	*	.813	.933		.699						
56	.702	.696	*	.879	.843		.700						
57	.702	.694	*	.934	.780		.700						
58	.701	.690	*	1.105	.734		.700						

********** FICHIER AD250 N0(IT)= 4
15/ 3/84 11H50 M=.726 PI=1.7 TI=300 I=+0.00 (RM) AD250
DE AD249 4' ITER.

MACH DE REFERENCE= .7300 UINF= 238.255 M/S
TIV=293.2 K PIV= 1644 MB

I	MACH PAROIS HAUT	BAS		I	HAUT	BAS	I	MACH PROFIL EXT	I	INT	I	T(K) TPR
1	.733	.725	PRISES DOUBLES				1	.061	53	.670	1	289.5
2	.731	.728					2	.192	54	.667	2	288.4
3	.731	.725		59	.729	.724	3	.304	55	.669	3	288.6
4	.730	.726		60	.736	.729	4	.412	56	.674	4	288.6
5	.730	.729		61	.733	.725	5	.501	57	.679	5	288.5
6	.729	.728					6	.557	58	.686	6	288.5
7	.729	.725	PRISES LAT. GAUCHES				7	.596	59	.694	7	288.7
8	.731	.725					8	.628	60	.703	8	289.2
9	.733	.730		62	.730	.729	9	.660	61	.715	9	290.2
10	.732	.724		63	.730	.731	10	.695	62	.728	10	289.8
11	.732	.729		64	.734	.722	11	.732	63	.739	11	289.5
12	.728	.730		65	.738	.709	12	.771	64	.752	12	289.4
13	.732	.725		66	.758	.708	13	.866	65	.768	13	289.7
14	.730	.725		67	.773	.742	14	.961	66	.784	14	290.0
15	.732	.724		68	.771	.750	15	1.011	67	.802	15	290.1
16	.733	.722		69	.766	.735	16	1.051	68	.821	16	289.1
17	.737	.720		70	.760	.715	17	1.058	69	.840	17	289.0
18	.739	.717		71	.740	.715	18	1.060	70	.858	18	289.0
19	.739	.716		72	.734	.723	19	1.048	71	.874	19	289.2
20	.733	.714		73	.735	.733	20	1.014	72	.884		
21	.736	.711					21	1.009	73	.888	I	TPG
22	.746	.704	PRISES LAT. DROITES				22	1.012	74	.889		
23	.751	.700					23	1.000	75	.885	1	293.2
24	.754	.702		74	.730	.728	24	.992	76	.879	2	293.2
25	.757	.710		75	.730	.726	25	.987	77	.869	3	293.2
26	.761	.716		76	.731	.726	26	.983	78	.857	4	293.1
27	.764	.724		77	.730	.724	27	.981	79	.843	5	293.1
28	.769	.736		78	.735	.722	28	.981	80	.830		
29	.771	.745		79	.738	.715	29	.983	81	.818		
30	.771	.749		80	.738	.711	30	.983	82	.808		
31	.773	.748		81	.753	.702	31	.982	83	.798		
32	.771	.754		82	.756	.710	32	.984	84	.788		
33	.769	.752		83	.764	.724	33	.984	85	.779		
34	.767	.747		84	.771	.741	34	.985	86	.772		
35	.766	.744		85	.772	.749	35	.985	87	.760		
36	.766	.739		86	.768	.750	36	.985	88	.747		
37	.764	.733		87	.767	.744	37	.978	89	.732		
38	.764	.726		88	.766	.734	38	.969	90	.723		
39	.765	.719		89	.764	.721	39	.952	91	.723		
40	.762	.716		90	.758	.715	40	.930	92	.709		
41	.760	.713		91	.746	.715	41	.907	93	.702		
42	.758	.712		92	.742	.716	42	.879	94	.698		
43	.752	.711		93	.735	.720	43	.852	95	.696		
44	.745	.712		94	.736	.723	44	.822	96	.697		
45	.741	.712		95	.732	.720	45	.792	97	.701		
46	.740	.713		96	.734	.720	46	.765	98	.740		
47	.742	.715					47	.741	99	.791		
48	.740	.718					48	.721	100	.733		
49	.739	.719					49	.705	101	.593		
50	.735	.722					50	.693	102	.434		
51	.735	.723					51	.683	103	.306		
52	.734	.726		PRISES COL			52	.675				
53	.735	.728										
54	.734	.729		.800	1.182			REFERENCE PROFIL				
55	.734	.727		.843	.904			.730				
56	.734	.726		.902	.843			.729				
57	.733	.721		.953	.796			.730				
58	.731	.708		1.123	.757			.730				

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******************************   FICHIER AD251      N0(IT)=  4
15/ 3/85 14H20  M=.756 PI=1.7 TI=300  I=+0.00  (RM  ) AD251
DE   AD250  4' ITER.
-------------------------------------------------------------------------------
        MACH DE REFERENCE= .7615      UINF=  247.741 M/S
                          TIV=293.8 K      PIV=  1680 MB
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MACH PAROIS						MACH PROFIL				T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.765	.755	PRISES DOUBLES			1	.061	53	.700	1	290.0
2	.764	.760				2	.175	54	.697	2	288.7
3	.763	.757	59	.760	.756	3	.292	55	.699	3	288.7
4	.761	.757	60	.767	.760	4	.402	56	.703	4	288.7
5	.760	.760	61	.766	.754	5	.491	57	.709	5	288.7
6	.760	.760				6	.551	58	.717	6	288.6
7	.760	.758	PRISES LAT. GAUCHES			7	.592	59	.725	7	288.9
8	.762	.756				8	.626	60	.736	8	289.7
9	.763	.761	62	.761	.760	9	.660	61	.747	9	290.6
10	.763	.754	63	.760	.762	10	.696	62	.761	10	290.2
11	.762	.758	64	.765	.752	11	.734	63	.774	11	289.8
12	.758	.759	65	.769	.738	12	.775	64	.788	12	289.6
13	.762	.754	66	.794	.736	13	.874	65	.805	13	289.9
14	.760	.754	67	.811	.775	14	.978	66	.823	14	290.4
15	.762	.754	68	.808	.788	15	1.034	67	.844	15	290.6
16	.762	.751	69	.804	.773	16	1.082	68	.866	16	289.4
17	.767	.750	70	.797	.745	17	1.107	69	.889	17	289.2
18	.770	.746	71	.770	.745	18	1.118	70	.911	18	289.4
19	.765	.745	72	.767	.753	19	1.125	71	.931	19	289.6
20	.765	.744	73	.763	.766	20	1.126	72	.945		
21	.768	.740				21	1.126	73	.950	I	TPG
22	.776	.734	PRISES LAT. DROITES			22	1.134	74	.952		
23	.782	.728				23	1.123	75	.944	1	293.8
24	.789	.730	74	.762	.760	24	1.116	76	.935	2	293.8
25	.795	.740	75	.762	.758	25	1.107	77	.922	3	293.8
26	.800	.746	76	.762	.757	26	1.074	78	.907	4	293.7
27	.804	.755	77	.761	.753	27	1.013	79	.891	5	293.8
28	.809	.769	78	.764	.751	28	1.021	80	.875		
29	.810	.779	79	.770	.744	29	1.035	81	.861		
30	.810	.785	80	.769	.740	30	1.045	82	.849		
31	.811	.785	81	.784	.731	31	1.055	83	.839		
32	.809	.793	82	.792	.739	32	1.065	84	.826		
33	.807	.793	83	.802	.754	33	1.073	85	.816		
34	.805	.787	84	.809	.774	34	1.076	86	.810		
35	.802	.784	85	.811	.785	35	1.073	87	.797		
36	.803	.778	86	.806	.788	36	1.051	88	.781		
37	.802	.771	87	.803	.783	37	1.043	89	.767		
38	.803	.762	88	.803	.771	38	1.023	90	.756		
39	.804	.753	89	.803	.754	39	.998	91	.752		
40	.800	.748	90	.794	.745	40	.969	92	.742		
41	.797	.743	91	.778	.742	41	.940	93	.735		
42	.796	.741	92	.772	.746	42	.909	94	.732		
43	.786	.738	93	.766	.751	43	.878	95	.731		
44	.777	.738	94	.769	.753	44	.847	96	.734		
45	.772	.739	95	.766	.745	45	.816	97	.740		
46	.771	.742	96	.762	.744	46	.790	98	.785		
47	.772	.746				47	.767	99	.846		
48	.770	.749				48	.749	100	.782		
49	.770	.751				49	.735	101	.630		
50	.767	.752				50	.724	102	.462		
51	.768	.753				51	.716	103	.329		
52	.767	.755	PRISES COL			52	.708				
53	.769	.759									
54	.769	.762	.833	1.204		REFERENCE PROFIL					
55	.768	.759	.872	.884		.761					
56	.765	.756	.926	.841		.761					
57	.762	.747	.973	.812		.760					
58	.755	.725	1.140	.779		.761					

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********************************   FICHIER AD253      N0(IT)=  4
15/ 3/85 15H45  M=.754 PI=1.7 TI=300  I=-2.00  (RM  ) AD253
DE   AD252  4' ITER.
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MACH DE REFERENCE= .7608 UINF= 248.260 M/S
TIV=295.5 K PIV= 1685 MB

I	MACH PAROIS HAUT	MACH PAROIS BAS	I	MACH PROFIL EXT	I	MACH PROFIL INT	I	T(K) TPR
1	.759	.758	PRISES DOUBLES	.238	53	.689	1	289.5
2	.757	.761		.051	54	.692	2	290.9
3	.759	.757	59 .756 .755	.102	55	.697	3	290.9
4	.759	.758	60 .763 .759	.209	56	.704	4	290.9
5	.759	.761	61 .763 .755	.297	57	.711	5	290.7
6	.757	.759		.367	58	.721	6	290.5
7	.756	.757	PRISES LAT. GAUCHES	.417	59	.730	7	290.3
8	.758	.757		.460	60	.741	8	290.3
9	.760	.762	62 .758 .760	.499	61	.754	9	290.8
10	.759	.753	63 .755 .761	.541	62	.769	10	291.8
11	.758	.757	64 .757 .755	.580	63	.783	11	291.4
12	.755	.758	65 .759 .748	.622	64	.799	12	290.8
13	.758	.755	66 .771 .768	.719	65	.817	13	290.4
14	.755	.756	67 .787 .810	.804	66	.837	14	290.6
15	.756	.757	68 .787 .817	.862	67	.859	15	290.9
16	.757	.756	69 .785 .793	.908	68	.885	16	290.6
17	.760	.753	70 .780 .755	.926	69	.912	17	290.6
18	.760	.749	71 .762 .747	.937	70	.939	18	290.7
19	.757	.750	72 .763 .756	.936	71	.967	19	290.5
20	.759	.751	73 .769 .764	.937	72	.991		290.7
21	.759	.750		.943	73	1.009	I	TPG
22	.763	.747	PRISES LAT. DROITES	.956	74	1.022		
23	.766	.746		.953	75	1.022	1	295.5
24	.768	.756	74 .759 .760	.955	76	1.017	2	295.6
25	.770	.772	75 .757 .757	.956	77	1.004	3	295.5
26	.774	.793	76 .757 .756	.959	78	.988	4	295.5
27	.778	.794	77 .756 .754	.963	79	.971	5	295.5
28	.783	.807	78 .756 .754	.971	80	.956		
29	.786	.816	79 .760 .748	.977	81	.945		
30	.787	.821	80 .760 .749	.983	82	.935		
31	.788	.818	81 .767 .749	.989	83	.929		
32	.787	.824	82 .768 .771	.996	84	.921		
33	.786	.822	83 .777 .792	1.002	85	.913		
34	.784	.813	84 .786 .810	1.010	86	.915		
35	.784	.808	85 .788 .818	1.019	87	.911		
36	.784	.801	86 .785 .818	1.028	88	.905		
37	.783	.791	87 .785 .809	1.029	89	.901		
38	.783	.779	88 .784 .792	1.020	90	.892		
39	.784	.768	89 .782 .769	1.001	91	.898		
40	.781	.762	90 .778 .755	.976	92	.880		
41	.779	.755	91 .771 .748	.949	93	.863		
42	.779	.752	92 .764 .748	.920	94	.876		
43	.776	.747	93 .759 .753	.892	95	1.103		
44	.771	.745	94 .764 .755	.861	96	1.008		
45	.768	.744	95 .762 .750	.829	97	1.192		
46	.765	.745	96 .768 .751	.799	98	1.201		
47	.763	.748		.772	99	1.279		
48	.762	.751		.748	100	1.155		
49	.763	.754		.729	101	.917		
50	.762	.756		.712	102	.714		
51	.764	.755		.700	103	.570		
52	.764	.756	PRISES COL	.689				
53	.766	.758						
54	.765	.759	.833 1.202					
55	.765	.758	.871 .889					
56	.766	.758	.926 .844					
57	.766	.752	.972 .812					
58	.766	.735	1.139 .782					

REFERENCE PROFIL
.759
.760
.759
.760

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****************************   FICHIER AD254      N0(IT)=  4
15/ 3/85 15H55  M=.726 PI=1.7 TI=300  I=-2.00  (RM  ) AD254
DE   AD253  4' ITER.
-------------------------------------------------------------------------------
        MACH DE REFERENCE= .7318      UINF=  240.053 M/S
                    TIV=296.3 K       PIV=  1647 MB
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MACH PAROIS						MACH PROFIL					T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR	
1	.731	.728	PRISES DOUBLES			1	.235	53	.662	1	290.9	
2	.729	.732				2	.052	54	.665	2	292.1	
3	.730	.730	59	.728	.728	3	.107	55	.670	3	292.1	
4	.731	.731	60	.734	.732	4	.209	56	.676	4	291.9	
5	.731	.734	61	.732	.727	5	.295	57	.684	5	291.7	
6	.729	.732				6	.363	58	.693	6	291.6	
7	.729	.730	PRISES LAT. GAUCHES			7	.413	59	.702	7	291.5	
8	.730	.729				8	.455	60	.713	8	292.0	
9	.732	.734	62	.730	.733	9	.494	61	.724	9	292.9	
10	.731	.726	63	.729	.733	10	.533	62	.739	10	292.6	
11	.731	.730	64	.730	.727	11	.571	63	.752	11	292.1	
12	.727	.731	65	.728	.719	12	.611	64	.766	12	291.8	
13	.731	.727	66	.742	.737	13	.703	65	.783	13	292.0	
14	.728	.728	67	.753	.773	14	.786	66	.802	14	292.2	
15	.729	.729	68	.756	.774	15	.836	67	.822	15	292.0	
16	.729	.728	69	.755	.755	16	.876	68	.844	16	291.5	
17	.732	.726	70	.747	.727	17	.890	69	.867	17	291.8	
18	.735	.722	71	.733	.717	18	.899	70	.890	18	291.4	
19	.730	.721	72	.733	.727	19	.896	71	.911	19	291.6	
20	.731	.722	73	.735	.734	20	.896	72	.927			
21	.734	.722				21	.901	73	.938	I	TPG	
22	.732	.722	PRISES LAT. DROITES			22	.910	74	.945			
23	.736	.721				23	.907	75	.945	1	296.4	
24	.739	.728	74	.730	.733	24	.908	76	.943	2	296.4	
25	.742	.740	75	.730	.729	25	.910	77	.935	3	296.3	
26	.745	.749	76	.729	.728	26	.911	78	.926	4	296.3	
27	.748	.759	77	.729	.726	27	.917	79	.914	5	296.3	
28	.750	.771	78	.731	.726	28	.921	80	.903			
29	.752	.778	79	.740	.720	29	.926	81	.894			
30	.752	.781	80	.730	.721	30	.930	82	.887			
31	.755	.778	81	.736	.723	31	.933	83	.881			
32	.755	.783	82	.740	.738	32	.939	84	.874			
33	.755	.780	83	.746	.757	33	.944	85	.868			
34	.755	.772	84	.751	.773	34	.948	86	.870			
35	.755	.767	85	.754	.778	35	.954	87	.866			
36	.756	.761	86	.754	.776	36	.959	88	.862			
37	.754	.753	87	.755	.767	37	.960	89	.860			
38	.752	.744	88	.755	.754	38	.957	90	.854			
39	.752	.736	89	.750	.737	39	.947	91	.862			
40	.748	.732	90	.745	.727	40	.931	92	.851			
41	.746	.727	91	.741	.722	41	.910	93	.838			
42	.747	.724	92	.735	.719	42	.886	94	.828			
43	.745	.721	93	.731	.723	43	.861	95	.909			
44	.741	.719	94	.734	.726	44	.833	96	.850			
45	.738	.718	95	.730	.720	45	.804	97	1.121			
46	.736	.718	96	.734	.720	46	.776	98	1.129			
47	.735	.719				47	.749	99	1.179			
48	.734	.721				48	.725	100	1.129			
49	.735	.724				49	.705	101	.901			
50	.734	.727				50	.687	102	.702			
51	.734	.727				51	.672	103	.561			
52	.733	.728	PRISES COL			52	.662					
53	.733	.729										
54	.733	.729		.803	1.181		REFERENCE PROFIL					
55	.734	.728		.844	.916		.731					
56	.733	.727		.903	.848		.732					
57	.733	.722		.954	.800		.732					
58	.732	.707		1.123	.762		.732					

********** FICHIER AD255 N0(IT)= 4
15/ 3/84 16H15 M=.694 PI=1.7 TI=300 I=-2.00 (RM) AD255
DE AD254 4' ITER.

MACH DE REFERENCE= .6995 UINF= 230.360 M/S
TIV=296.2 K PIV= 1562 MB

MACH PAROIS							MACH PROFIL					T(K)	
I	HAUT	BAS		I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.699	.696	* PRISES DOUBLES				1	.225	53	.632	1	291.2
2	.697	.699	*				2	.050	54	.635	2	292.1
3	.698	.697	*	59	.697	.696	3	.105	55	.639	3	292.2
4	.698	.697	*	60	.702	.700	4	.204	56	.646	4	292.0
5	.698	.700	*	61	.702	.695	5	.288	57	.653	5	291.9
6	.697	.699	*				6	.357	58	.661	6	291.7
7	.697	.697	* PRISES LAT. GAUCHES				7	.404	59	.670	7	291.7
8	.698	.697	*				8	.444	60	.680	8	292.0
9	.699	.702	*	62	.698	.699	9	.481	61	.691	9	292.9
10	.699	.695	*	63	.698	.702	10	.520	62	.704	10	292.6
11	.698	.698	*	64	.699	.696	11	.557	63	.717	11	292.2
12	.695	.698	*	65	.698	.688	12	.595	64	.730	12	292.0
13	.698	.695	*	66	.707	.703	13	.682	65	.745	13	292.2
14	.696	.696	*	67	.719	.736	14	.757	66	.762	14	292.4
15	.697	.697	*	68	.721	.734	15	.802	67	.781	15	292.2
16	.697	.695	*	69	.719	.716	16	.835	68	.799	16	291.6
17	.700	.694	*	70	.714	.696	17	.846	69	.819	17	292.0
18	.703	.690	*	71	.703	.689	18	.852	70	.838	18	291.7
19	.698	.690	*	72	.700	.696	19	.850	71	.855	19	291.8
20	.699	.691	*	73	.704	.703	20	.849	72	.868		
21	.701	.691	*				21	.852	73	.876	I	TPG
22	.701	.689	* PRISES LAT. DROITES				22	.858	74	.881		
23	.703	.689	*				23	.857	75	.881	1	296.2
24	.705	.696	*	74	.698	.700	24	.858	76	.879	2	296.2
25	.707	.706	*	75	.698	.697	25	.860	77	.874	3	296.1
26	.709	.714	*	76	.698	.698	26	.861	78	.867	4	296.1
27	.712	.724	*	77	.697	.695	27	.864	79	.857	5	296.1
28	.716	.734	*	78	.699	.695	28	.867	80	.848		
29	.718	.740	*	79	.708	.689	29	.871	81	.841		
30	.718	.742	*	80	.699	.690	30	.874	82	.835		
31	.721	.739	*	81	.704	.691	31	.877	83	.830		
32	.721	.742	*	82	.705	.705	32	.881	84	.825		
33	.721	.738	*	83	.711	.722	33	.884	85	.820		
34	.720	.731	*	84	.718	.736	34	.889	86	.822		
35	.720	.727	*	85	.720	.740	35	.892	87	.818		
36	.720	.721	*	86	.719	.735	36	.897	88	.815		
37	.718	.715	*	87	.720	.726	37	.898	89	.814		
38	.718	.708	*	88	.719	.716	38	.897	90	.809		
39	.717	.702	*	89	.716	.703	39	.889	91	.820		
40	.714	.699	*	90	.712	.696	40	.878	92	.810		
41	.713	.696	*	91	.710	.692	41	.862	93	.801		
42	.714	.694	*	92	.704	.690	42	.843	94	.791		
43	.711	.691	*	93	.698	.693	43	.822	95	.804		
44	.709	.690	*	94	.701	.694	44	.797	96	.797		
45	.706	.689	*	95	.702	.693	45	.772	97	1.038		
46	.706	.689	*	96	.703	.694	46	.745	98	1.047		
47	.705	.690	*				47	.721	99	1.094		
48	.702	.691	*				48	.697	100	1.089		
49	.701	.692	*				49	.676	101	.878		
50	.698	.693	*				50	.659	102	.684		
51	.700	.694	*				51	.643	103	.546		
52	.702	.696	*	PRISES COL			52	.630				
53	.705	.697	*									
54	.704	.697	*	.768	1.157		REFERENCE PROFIL					
55	.704	.696	*	.813	.891		.699					
56	.702	.696	*	.878	.827		.699					
57	.702	.693	*	.934	.771		.699					
58	.701	.685	*	1.104	.725		.699					

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*****************************   FICHIER AD257      N0(IT)=  4
18/ 3/85 14H45  M=.700 PI=1.7 TI=300  I=+2.00  (RM  ) AD257
DE   AD216  5' ITER.
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MACH DE REFERENCE= .7017 UINF= 229.100 M/S
TIV=291.3 K PIV= 1602 MB

MACH PAROIS						MACH PROFIL				T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.707	.692	PRISES DOUBLES			1	.206	53	.643	1	287.5
2	.706	.696				2	.411	54	.639	2	285.7
3	.705	.694	59	.701	.694	3	.527	55	.639	3	286.2
4	.703	.695	60	.709	.698	4	.642	56	.642	4	286.4
5	.702	.698	61	.706	.694	5	.734	57	.646	5	286.5
6	.701	.698				6	.778	58	.651	6	286.7
7	.702	.695	PRISES LAT. GAUCHES			7	.799	59	.657	7	286.9
8	.703	.694				8	.816	60	.665	8	287.5
9	.704	.699	62	.703	.697	9	.837	61	.674	9	288.6
10	.706	.693	63	.704	.698	10	.863	62	.685	10	288.4
11	.706	.696	64	.708	.690	11	.893	63	.693	11	288.1
12	.703	.696	65	.721	.671	12	.929	64	.703	12	288.1
13	.706	.692	66	.745	.658	13	1.008	65	.715	13	288.4
14	.704	.694	67	.758	.679	14	1.115	66	.728	14	288.6
15	.705	.694	68	.755	.691	15	1.214	67	.741	15	288.4
16	.705	.693	69	.747	.687	16	1.213	68	.756	16	287.5
17	.710	.689	70	.736	.677	17	1.235	69	.769	17	287.1
18	.717	.682	71	.718	.682	18	1.241	70	.780	18	287.2
19	.714	.680	72	.706	.693	19	1.239	71	.790	19	287.3
20	.718	.679	73	.701	.701	20	1.227	72	.794		
21	.724	.673				21	1.219	73	.794	I	TPG
22	.729	.664	PRISES LAT. DROITES			22	1.219	74	.792		
23	.735	.656				23	1.124	75	.786	1	291.3
24	.740	.655	74	.704	.697	24	.972	76	.778	2	291.3
25	.746	.659	75	.702	.696	25	.950	77	.769	3	291.3
26	.750	.662	76	.704	.695	26	.948	78	.757	4	291.3
27	.753	.666	77	.704	.691	27	.950	79	.744	5	291.3
28	.757	.674	78	.708	.689	28	.952	80	.731		
29	.758	.681	79	.724	.678	29	.953	81	.719		
30	.758	.686	80	.721	.672	30	.954	82	.707		
31	.759	.686	81	.735	.657	31	.953	83	.695		
32	.757	.693	82	.743	.658	32	.953	84	.682		
33	.755	.693	83	.751	.666	33	.952	85	.672		
34	.752	.691	84	.757	.679	34	.949	86	.660		
35	.749	.691	85	.758	.687	35	.947	87	.644		
36	.748	.689	86	.753	.691	36	.945	88	.625		
37	.746	.685	87	.750	.691	37	.938	89	.602		
38	.744	.681	88	.746	.686	38	.927	90	.586		
39	.743	.678	89	.741	.678	39	.912	91	.572		
40	.739	.676	90	.735	.677	40	.893	92	.560		
41	.736	.675	91	.725	.681	41	.872	93	.547		
42	.736	.675	92	.719	.682	42	.846	94	.535		
43	.730	.676	93	.709	.688	43	.821	95	.521		
44	.726	.679	94	.708	.692	44	.793	96	.522		
45	.721	.680	95	.705	.695	45	.767	97	.501		
46	.721	.681	96	.700	.694	46	.740	98	.490		
47	.719	.683				47	.718	99	.479		
48	.717	.686				48	.698	100	.416		
49	.714	.689				49	.683	101	.304		
50	.709	.692				50	.670	102	.173		
51	.708	.693				51	.661	103	.966		
52	.707	.695	PRISES COL			52	.654				
53	.709	.696									
54	.708	.697	.768	1.160		REFERENCE PROFIL					
55	.707	.697	.815	1.002		.701					
56	.704	.696	.880	.855		.701					
57	.701	.694	.935	.797		.702					
58	.694	.691	1.107	.747		.701					

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******************************   FICHIER AD258      N0(IT)=  4
18/ 3/85 15H15  M=.728 PI=1.7 TI=300  I=+2.00  (RM  ) AD258
DE   AD257  4' ITER.
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MACH DE REFERENCE= .7306 UINF= 238.522 M/S
TIV=293.4 K PIV= 1644 MB

I	MACH PAROIS HAUT	BAS		I	HAUT	BAS		I	MACH PROFIL EXT	I	INT		I	T(K) TPR
1	.737	.720	* PRISES DOUBLES				*	1	.185	53	.662	*	1	288.9
2	.737	.725	*				*	2	.394	54	.658	*	2	287.8
3	.735	.722	*	59	.732	.723	*	3	.511	55	.660	*	3	286.4
4	.731	.722	*	60	.738	.727	*	4	.627	56	.664	*	4	286.3
5	.729	.725	*	61	.737	.721	*	5	.721	57	.668	*	5	287.4
6	.730	.726	*				*	6	.767	58	.675	*	6	287.7
7	.732	.725	* PRISES LAT. GAUCHES				*	7	.791	59	.682	*	7	287.7
8	.733	.724	*				*	8	.810	60	.690	*	8	288.3
9	.734	.728	*	62	.732	.724	*	9	.832	61	.700	*	9	289.8
10	.735	.722	*	63	.732	.728	*	10	.860	62	.712	*	10	289.6
11	.733	.725	*	64	.740	.718	*	11	.891	63	.722	*	11	289.3
12	.729	.724	*	65	.753	.695	*	12	.928	64	.733	*	12	289.3
13	.733	.720	*	66	.781	.683	*	13	1.010	65	.746	*	13	289.6
14	.733	.721	*	67	.799	.711	*	14	1.117	66	.759	*	14	290.0
15	.735	.721	*	68	.797	.724	*	15	1.223	67	.774	*	15	289.6
16	.736	.719	*	69	.787	.716	*	16	1.226	68	.790	*	16	287.4
17	.741	.716	*	70	.771	.705	*	17	1.258	69	.805	*	17	286.9
18	.747	.712	*	71	.746	.712	*	18	1.270	70	.818	*	18	287.1
19	.744	.708	*	72	.739	.721	*	19	1.274	71	.829	*	19	287.5
20	.747	.703	*	73	.729	.731	*	20	1.271	72	.835	*		
21	.756	.697	*				*	21	1.268	73	.835	*	I	TPG
22	.762	.687	* PRISES LAT. DROITES				*	22	1.274	74	.833	*		
23	.769	.679	*				*	23	1.273	75	.826	*	1	293.4
24	.775	.678	*	74	.732	.725	*	24	1.273	76	.818	*	2	293.4
25	.781	.684	*	75	.733	.724	*	25	1.271	77	.806	*	3	293.4
26	.787	.687	*	76	.733	.724	*	26	1.270	78	.793	*	4	293.4
27	.792	.693	*	77	.732	.719	*	27	1.271	79	.778	*	5	293.3
28	.797	.704	*	78	.741	.717	*	28	1.269	80	.764	*		
29	.798	.713	*	79	.755	.707	*	29	1.256	81	.752	*		
30	.799	.718	*	80	.754	.696	*	30	1.062	82	.739	*		
31	.801	.718	*	81	.770	.681	*	31	.985	83	.726	*		
32	.799	.725	*	82	.778	.683	*	32	.959	84	.712	*		
33	.797	.725	*	83	.790	.694	*	33	.949	85	.701	*		
34	.793	.721	*	84	.797	.710	*	34	.948	86	.689	*		
35	.790	.720	*	85	.799	.720	*	35	.951	87	.672	*		
36	.789	.717	*	86	.795	.723	*	36	.954	88	.652	*		
37	.785	.713	*	87	.791	.720	*	37	.954	89	.629	*		
38	.782	.709	*	88	.786	.714	*	38	.949	90	.612	*		
39	.779	.705	*	89	.778	.707	*	39	.937	91	.597	*		
40	.775	.703	*	90	.769	.704	*	40	.921	92	.584	*		
41	.772	.701	*	91	.760	.704	*	41	.900	93	.571	*		
42	.770	.700	*	92	.747	.712	*	42	.876	94	.560	*		
43	.765	.700	*	93	.740	.719	*	43	.851	95	.546	*		
44	.759	.702	*	94	.741	.721	*	44	.824	96	.548	*		
45	.754	.703	*	95	.736	.721	*	45	.796	97	.527	*		
46	.751	.707	*	96	.728	.721	*	46	.769	98	.519	*		
47	.746	.713	*				*	47	.746	99	.512	*		
48	.744	.717	*				*	48	.725	100	.449	*		
49	.745	.719	*				*	49	.707	101	.332	*		
50	.741	.720	*				*	50	.693	102	.196	*		
51	.741	.721	*				*	51	.680	103	.079	*		
52	.737	.722	*	PRISES COL			*	52	.670					
53	.740	.725	*											
54	.739	.727	*	.801	1.185		*	REFERENCE PROFIL						
55	.739	.726	*	.843	.916		*	.730						
56	.735	.725	*	.903	.850		*	.730						
57	.730	.722	*	.953	.808		*	.730						
58	.718	.713	*	1.124	.764		*	.730						

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******************************   FICHIER AD260      N0(IT)=  4
18/ 3/85 17H 0  M=.762 PI=1.7 TI=300  I=+2.00  (RM  ) AD260
DE   AD259  4' ITER.
-------------------------------------------------------------------------------
        MACH DE REFERENCE= .7656      UINF=  249.028 M/S
                     TIV=294.0 K      PIV=  1685 MB
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MACH PAROIS I	HAUT	BAS	I	HAUT	BAS	MACH PROFIL I	EXT	I	INT	T(K) I	TPR
1	.772	.756	PRISES DOUBLES			1	.136	53	.731	1	289.7
2	.774	.763				2	.343	54	.719	2	287.9
3	.772	.761	59	.768	.761	3	.461	55	.715	3	287.2
4	.766	.759	60	.773	.762	4	.576	56	.716	4	286.9
5	.764	.762	61	.767	.754	5	.669	57	.719	5	286.9
6	.766	.764				6	.719	58	.724	6	287.9
7	.768	.762	PRISES LAT. GAUCHES			7	.748	59	.729	7	288.8
8	.766	.757				8	.772	60	.738	8	289.1
9	.766	.760	62	.769	.762	9	.798	61	.747	9	290.4
10	.770	.756	63	.765	.763	10	.828	62	.760	10	290.0
11	.769	.760	64	.769	.751	11	.862	63	.770	11	289.7
12	.763	.758	65	.786	.727	12	.901	64	.783	12	289.7
13	.767	.754	66	.816	.717	13	.989	65	.797	13	290.1
14	.765	.756	67	.847	.750	14	1.110	66	.815	14	290.5
15	.766	.756	68	.846	.767	15	1.201	67	.832	15	290.4
16	.765	.753	69	.831	.761	16	1.210	68	.850	16	288.0
17	.771	.749	70	.811	.746	17	1.244	69	.868	17	287.8
18	.779	.743	71	.783	.745	18	1.264	70	.884	18	288.0
19	.777	.739	72	.771	.755	19	1.268	71	.898	19	288.2
20	.780	.735	73	.758	.768	20	1.270	72	.905		
21	.789	.729				21	1.273	73	.905	I	TPG
22	.795	.722	PRISES LAT. DROITES			22	1.287	74	.903		
23	.802	.714				23	1.286	75	.893	1	294.0
24	.809	.713	74	.769	.764	24	1.290	76	.882	2	294.0
25	.816	.719	75	.769	.762	25	1.292	77	.868	3	294.0
26	.825	.723	76	.768	.759	26	1.296	78	.852	4	293.9
27	.834	.730	77	.765	.754	27	1.299	79	.834	5	293.9
28	.844	.743	78	.770	.750	28	1.303	80	.818		
29	.848	.753	79	.788	.737	29	1.311	81	.803		
30	.850	.761	80	.787	.729	30	1.314	82	.789		
31	.854	.761	81	.804	.716	31	1.316	83	.775		
32	.852	.770	82	.813	.718	32	1.323	84	.760		
33	.849	.771	83	.832	.731	33	1.278	85	.748		
34	.844	.768	84	.847	.750	34	1.085	86	.736		
35	.838	.766	85	.850	.761	35	1.023	87	.719		
36	.835	.762	86	.844	.765	36	.995	88	.698		
37	.829	.757	87	.837	.762	37	.974	89	.675		
38	.825	.754	88	.831	.756	38	.954	90	.657		
39	.821	.749	89	.820	.749	39	.935	91	.652		
40	.814	.747	90	.807	.744	40	.916	92	.634		
41	.809	.744	91	.796	.740	41	.898	93	.621		
42	.808	.742	92	.785	.746	42	.880	94	.611		
43	.802	.739	93	.773	.752	43	.863	95	.599		
44	.794	.738	94	.772	.754	44	.847	96	.601		
45	.790	.737	95	.770	.737	45	.832	97	.584		
46	.787	.741	96	.758	.737	46	.820	98	.585		
47	.784	.747				47	.807	99	.592		
48	.781	.751				48	.795	100	.527		
49	.777	.752				49	.786	101	.405		
50	.772	.753				50	.775	102	.261		
51	.772	.755				51	.764	103	.136		
52	.768	.755	PRISES COL			52	.751				
53	.773	.760									
54	.774	.764	.847	1.209		REFERENCE PROFIL					
55	.773	.760	.884	.871		.765					
56	.767	.755	.936	.839		.766					
57	.760	.743	.981	.817		.765					
58	.740	.712	1.146	.785		.765					

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********************************   FICHIER AD261      N0(IT)=  4
18/ 3/85 17H30  M=.747 PI=1.7 TI=300  I=+2.00  (RM  ) AD261
DE   AD260  4' ITER.
-------------------------------------------------------------------------------
        MACH DE REFERENCE= .7522      UINF=  245.374 M/S
                      TIV=294.7 K     PIV=  1667 MB
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I	MACH PAROIS HAUT	BAS	I	PRISES DOUBLES HAUT	BAS	I	MACH PROFIL EXT	I	INT	I	T(K) TPR
1	.758	.741				1	.162	53	.687	1	290.2
2	.758	.746				2	.371	54	.682	2	288.3
3	.756	.744	59	.753	.744	3	.488	55	.683	3	287.7
4	.751	.743	60	.759	.747	4	.603	56	.686	4	287.4
5	.748	.746	61	.756	.742	5	.697	57	.691	5	287.6
6	.750	.747				6	.744	58	.697	6	288.9
7	.753	.746		PRISES LAT. GAUCHES		7	.771	59	.704	7	289.2
8	.753	.742				8	.793	60	.713	8	289.6
9	.754	.746	62	.753	.746	9	.817	61	.723	9	291.1
10	.756	.741	63	.752	.748	10	.845	62	.736	10	290.8
11	.754	.746	64	.758	.737	11	.878	63	.746	11	290.5
12	.748	.745	65	.773	.714	12	.917	64	.758	12	290.5
13	.752	.741	66	.805	.702	13	1.001	65	.772	13	290.8
14	.752	.742	67	.829	.732	14	1.116	66	.788	14	291.2
15	.754	.743	68	.830	.750	15	1.217	67	.805	15	291.8
16	.754	.739	69	.818	.745	16	1.225	68	.823	16	288.4
17	.761	.736	70	.795	.728	17	1.257	69	.840	17	288.2
18	.767	.730	71	.770	.730	18	1.273	70	.854	18	288.3
19	.765	.727	72	.759	.742	19	1.277	71	.866	19	288.6
20	.765	.723	73	.746	.753	20	1.277	72	.873		
21	.778	.716				21	1.278	73	.873	I	TPG
22	.784	.705		PRISES LAT. DROITES		22	1.288	74	.871		
23	.793	.697				23	1.288	75	.863	1	294.7
24	.800	.697	74	.753	.747	24	1.290	76	.853	2	294.6
25	.806	.704	75	.754	.745	25	1.291	77	.840	3	294.6
26	.813	.707	76	.754	.744	26	1.294	78	.825	4	294.6
27	.820	.714	77	.751	.740	27	1.297	79	.809	5	294.6
28	.827	.725	78	.759	.737	28	1.299	80	.793		
29	.830	.734	79	.773	.724	29	1.305	81	.779		
30	.831	.741	80	.773	.716	30	1.309	82	.766		
31	.835	.742	81	.794	.699	31	1.310	83	.753		
32	.833	.750	82	.803	.703	32	1.315	84	.738		
33	.832	.751	83	.818	.714	33	1.305	85	.726		
34	.827	.749	84	.828	.731	34	1.100	86	.714		
35	.823	.747	85	.832	.742	35	1.021	87	.697		
36	.821	.745	86	.828	.748	36	.987	88	.676		
37	.815	.740	87	.823	.748	37	.963	89	.652		
38	.811	.735	88	.817	.741	38	.943	90	.636		
39	.807	.730	89	.806	.732	39	.925	91	.620		
40	.800	.727	90	.793	.726	40	.909	92	.609		
41	.795	.724	91	.781	.724	41	.890	93	.594		
42	.794	.723	92	.772	.732	42	.869	94	.585		
43	.787	.721	93	.761	.738	43	.848	95	.572		
44	.779	.722	94	.760	.741	44	.827	96	.573		
45	.775	.722	95	.757	.736	45	.805	97	.555		
46	.772	.726	96	.745	.736	46	.783	98	.553		
47	.771	.732				47	.764	99	.550		
48	.769	.736				48	.748	100	.486		
49	.766	.739				49	.732	101	.369		
50	.760	.740				50	.720	102	.229		
51	.760	.742				51	.707	103	.107		
52	.757	.743		PRISES COL		52	.698				
53	.761	.746									
54	.761	.749		.826	1.204		REFERENCE PROFIL				
55	.760	.747		.865	.883		.750				
56	.755	.744		.922	.843		.749				
57	.748	.738		.969	.812		.749				
58	.731	.721		1.137	.775		.750				

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******************************   FICHIER AD262      N0(IT)=  5
19/ 3/85  9H40  M=.696 PI=1.7 TI=300  I=+3.00  (RM  ) AD262
DE   AD137  4' ITER.
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MACH DE REFERENCE= .7009 UINF= 229.012 M/S
TIV=291.7 K PIV= 1656 MB

I	MACH PAROIS HAUT	MACH PAROIS BAS		I	MACH PAROIS HAUT	MACH PAROIS BAS	I	MACH PROFIL EXT	I	MACH PROFIL INT	I	T(K) TPR
1	.708	.689	* PRISES DOUBLES				1	.304	53	.632	1	287.2
2	.707	.692	*				2	.513	54	.628	2	285.0
3	.705	.692	*	59	.702	.693	3	.632	55	.629	3	284.6
4	.702	.694	*	60	.710	.696	4	.756	56	.632	4	285.5
5	.700	.697	*	61	.709	.693	5	.858	57	.636	5	286.1
6	.700	.696	*				6	.899	58	.641	6	285.8
7	.702	.694	* PRISES LAT. GAUCHES				7	.909	59	.646	7	285.9
8	.704	.693	*				8	.916	60	.654	8	286.6
9	.706	.698	*	62	.703	.696	9	.929	61	.663	9	288.6
10	.707	.691	*	63	.707	.697	10	.949	62	.674	10	288.5
11	.706	.695	*	64	.712	.687	11	.975	63	.682	11	288.2
12	.703	.695	*	65	.726	.665	12	1.009	64	.691	12	288.3
13	.707	.691	*	66	.756	.645	13	1.095	65	.701	13	288.5
14	.706	.691	*	67	.773	.663	14	1.143	66	.714	14	288.8
15	.707	.691	*	68	.770	.679	15	1.278	67	.726	15	288.4
16	.708	.689	*	69	.759	.679	16	1.323	68	.738	16	287.0
17	.712	.685	*	70	.743	.674	17	1.333	69	.749	17	286.2
18	.718	.677	*	71	.720	.682	18	1.333	70	.759	18	286.8
19	.716	.674	*	72	.712	.693	19	1.337	71	.766	19	287.1
20	.719	.672	*	73	.701	.701	20	1.339	72	.770		
21	.729	.666	*				21	1.333	73	.768	I	TPG
22	.737	.655	* PRISES LAT. DROITES				22	1.333	74	.766		
23	.745	.645	*				23	1.325	75	.758	1	291.6
24	.750	.641	*	74	.704	.696	24	1.323	76	.751	2	291.6
25	.755	.644	*	75	.703	.693	25	1.317	77	.739	3	291.6
26	.760	.645	*	76	.706	.693	26	1.308	78	.728	4	291.5
27	.765	.648	*	77	.706	.690	27	1.101	79	.714	5	291.6
28	.770	.656	*	78	.713	.686	28	1.002	80	.701		
29	.771	.663	*	79	.726	.673	29	.964	81	.688		
30	.772	.669	*	80	.727	.666	30	.939	82	.675		
31	.775	.670	*	81	.746	.648	31	.924	83	.663		
32	.773	.678	*	82	.754	.644	32	.919	84	.649		
33	.770	.680	*	83	.764	.650	33	.918	85	.637		
34	.766	.679	*	84	.772	.663	34	.920	86	.624		
35	.763	.679	*	85	.773	.673	35	.921	87	.606		
36	.761	.678	*	86	.768	.679	36	.923	88	.584		
37	.756	.675	*	87	.763	.680	37	.920	89	.558		
38	.752	.673	*	88	.758	.677	38	.914	90	.539		
39	.749	.671	*	89	.749	.673	39	.903	91	.522		
40	.744	.670	*	90	.741	.673	40	.888	92	.508		
41	.741	.669	*	91	.733	.677	41	.868	93	.492		
42	.741	.669	*	92	.722	.683	42	.846	94	.478		
43	.736	.671	*	93	.713	.688	43	.824	95	.460		
44	.731	.673	*	94	.713	.691	44	.798	96	.461		
45	.727	.675	*	95	.709	.695	45	.772	97	.432		
46	.724	.678	*	96	.701	.695	46	.746	98	.406		
47	.719	.682	*				47	.723	99	.376		
48	.718	.684	*				48	.701	100	.308		
49	.716	.687	*				49	.682	101	.199		
50	.713	.689	*				50	.665	102	.084		
51	.713	.691	*				51	.650	103	.076		
52	.710	.694	*	PRISES COL			52	.640				
53	.712	.696	*									
54	.712	.697	*		.769	1.161		REFERENCE PROFIL				
55	.711	.697	*		.816	1.257		.702				
56	.707	.697	*		.881	.930		.701				
57	.702	.695	*		.935	.828		.701				
58	.692	.691	*		1.108	.772		.702				

********** FICHIER AD263 N0(IT)= 4
19/ 3/85 10H 0 M=.725 PI=1.7 TI=300 I=+3.00 (RM) AD263
DE AD262 5' ITER.

MACH DE REFERENCE= .7296 UINF= 238.227 M/S
TIV=293.4 K PIV= 1699 MB

MACH PAROIS							MACH PROFIL					T(K)	
I	HAUT	BAS		I	HAUT	BAS	I	EXT	I	INT		I	TPR
1	.738	.719	PRISES DOUBLES				1	.269	53	.663		1	289.0
2	.739	.723					2	.479	54	.658		2	286.8
3	.736	.721		59	.732	.722	3	.598	55	.658		3	286.1
4	.731	.721		60	.738	.725	4	.721	56	.660		4	285.8
5	.729	.724		61	.735	.721	5	.821	57	.664		5	286.4
6	.731	.725					6	.864	58	.671		6	287.9
7	.732	.725	PRISES LAT. GAUCHES				7	.879	59	.676		7	287.8
8	.732	.722					8	.890	60	.685		8	287.9
9	.732	.725		62	.734	.724	9	.907	61	.693		9	290.0
10	.734	.720		63	.733	.726	10	.930	62	.705		10	289.8
11	.733	.723		64	.740	.715	11	.958	63	.714		11	289.5
12	.729	.721		65	.757	.690	12	.994	64	.724		12	289.6
13	.734	.718		66	.786	.670	13	1.082	65	.735		13	289.9
14	.734	.719		67	.814	.698	14	1.139	66	.750		14	290.2
15	.737	.720		68	.811	.714	15	1.276	67	.763		15	289.9
16	.737	.718		69	.798	.711	16	1.318	68	.778		16	287.1
17	.742	.713		70	.779	.704	17	1.334	69	.792		17	286.6
18	.748	.705		71	.750	.708	18	1.339	70	.803		18	286.8
19	.746	.701		72	.740	.721	19	1.345	71	.812		19	287.3
20	.749	.698		73	.721	.732	20	1.353	72	.816			
21	.760	.691					21	1.349	73	.815		I	TPG
22	.768	.680	PRISES LAT. DROITES				22	1.351	74	.812			
23	.775	.669					23	1.350	75	.803		1	293.4
24	.781	.666		74	.734	.724	24	1.349	76	.794		2	293.5
25	.787	.669		75	.734	.724	25	1.349	77	.782		3	293.4
26	.794	.672		76	.733	.723	26	1.348	78	.769		4	293.4
27	.802	.678		77	.733	.717	27	1.348	79	.754		5	293.4
28	.811	.689		78	.742	.715	28	1.353	80	.739			
29	.815	.698		79	.754	.699	29	1.355	81	.725			
30	.815	.704		80	.758	.691	30	1.357	82	.711			
31	.818	.705		81	.777	.672	31	1.303	83	.698			
32	.816	.713		82	.785	.669	32	1.089	84	.683			
33	.813	.714		83	.800	.679	33	1.036	85	.670			
34	.807	.711		84	.813	.696	34	1.007	86	.657			
35	.803	.711		85	.816	.707	35	.981	87	.638			
36	.800	.709		86	.810	.712	36	.956	88	.615			
37	.796	.705		87	.803	.712	37	.936	89	.588			
38	.792	.702		88	.798	.707	38	.918	90	.570			
39	.789	.699		89	.789	.702	39	.902	91	.554			
40	.784	.698		90	.776	.701	40	.886	92	.539			
41	.779	.697		91	.760	.705	41	.869	93	.525			
42	.777	.697		92	.751	.708	42	.850	94	.510			
43	.767	.698		93	.743	.715	43	.831	95	.494			
44	.759	.701		94	.742	.721	44	.809	96	.495			
45	.754	.702		95	.736	.717	45	.788	97	.468			
46	.752	.705		96	.721	.716	46	.766	98	.448			
47	.750	.709					47	.746	99	.424			
48	.749	.713					48	.728	100	.355			
49	.748	.716					49	.711	101	.244			
50	.743	.719					50	.696	102	.118			
51	.742	.722					51	.683	103	.066			
52	.736	.722	PRISES COL				52	.673					
53	.740	.725											
54	.740	.727			.805	1.191		REFERENCE PROFIL					
55	.739	.726			.848	1.134		.730					
56	.732	.724			.907	.884		.731					
57	.725	.718			.956	.834		.729					
58	.703	.703			1.127	.789		.730					

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**********************************   FICHIER AD264      N0(IT)=  4
19/ 3/85 10H60  M=.759 PI=1.7 TI=300  I=+3.00  (RM  ) AD264
DE   AD263  4' ITER.
-------------------------------------------------------------------------------
        MACH DE REFERENCE= .7665       UINF=  249.154 M/S
                          TIV=293.7 K      PIV=  1741 MB
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MACH PAROIS I	HAUT	BAS		MACH PROFIL I	EXT	I	INT	T(K) I	TPR
1	.773	.756	PRISES DOUBLES	1	.192	53	.775	1	289.4
2	.775	.763		2	.402	54	.754	2	287.3
3	.772	.760	59 .766 .760	3	.520	55	.745	3	286.6
4	.766	.758	60 .771 .758	4	.637	56	.742	4	286.3
5	.763	.761	61 .771 .756	5	.734	57	.741	5	287.2
6	.765	.763		6	.781	58	.745	6	288.1
7	.766	.762	PRISES LAT. GAUCHES	7	.805	59	.747	7	287.9
8	.764	.756		8	.824	60	.754	8	287.8
9	.763	.758	62 .769 .762	9	.847	61	.762	9	289.9
10	.767	.753	63 .764 .760	10	.875	62	.774	10	289.6
11	.767	.756	64 .770 .748	11	.906	63	.783	11	289.3
12	.761	.755	65 .782 .725	12	.944	64	.795	12	289.3
13	.766	.752	66 .819 .711	13	1.028	65	.808	13	289.8
14	.765	.754	67 .854 .749	14	1.127	66	.820	14	290.3
15	.767	.755	68 .853 .766	15	1.249	67	.838	15	290.3
16	.766	.752	69 .837 .760	16	1.279	68	.856	16	287.5
17	.774	.748	70 .815 .748	17	1.301	69	.874	17	287.3
18	.781	.740	71 .784 .747	18	1.312	70	.889	18	287.5
19	.778	.736	72 .774 .757	19	1.324	71	.901	19	287.7
20	.777	.735	73 .751 .770	20	1.327	72	.907		
21	.791	.729		21	1.326	73	.904	I	TPG
22	.793	.717	PRISES LAT. DROITES	22	1.330	74	.899		
23	.802	.707		23	1.336	75	.888	1	293.7
24	.811	.706	74 .769 .764	24	1.338	76	.876	2	293.7
25	.819	.713	75 .768 .761	25	1.340	77	.860	3	293.7
26	.828	.717	76 .765 .755	26	1.342	78	.843	4	293.6
27	.838	.726	77 .764 .752	27	1.338	79	.824	5	293.7
28	.849	.741	78 .771 .748	28	1.293	80	.806		
29	.854	.753	79 .788 .733	29	1.184	81	.790		
30	.856	.761	80 .782 .727	30	1.075	82	.775		
31	.859	.762	81 .804 .709	31	1.039	83	.760		
32	.857	.771	82 .815 .711	32	1.016	84	.743		
33	.853	.771	83 .836 .726	33	1.004	85	.730		
34	.846	.767	84 .853 .749	34	.998	86	.716		
35	.842	.767	85 .856 .762	35	.988	87	.697		
36	.839	.765	86 .850 .767	36	.977	88	.674		
37	.834	.762	87 .842 .765	37	.965	89	.648		
38	.830	.759	88 .836 .759	38	.952	90	.629		
39	.827	.756	89 .826 .752	39	.942	91	.613		
40	.821	.753	90 .812 .749	40	.927	92	.598		
41	.815	.751	91 .794 .746	41	.914	93	.584		
42	.813	.750	92 .787 .749	42	.904	94	.573		
43	.803	.748	93 .776 .753	43	.893	95	.559		
44	.793	.746	94 .776 .755	44	.885	96	.561		
45	.789	.745	95 .775 .739	45	.876	97	.540		
46	.786	.747	96 .751 .739	46	.868	98	.530		
47	.786	.749		47	.861	99	.524		
48	.785	.752		48	.854	100	.458		
49	.782	.754		49	.848	101	.341		
50	.776	.755		50	.842	102	.203		
51	.776	.757		51	.835	103	.089		
52	.773	.757	PRISES COL	52	.817				
53	.779	.762							
54	.781	.766	.852 1.218		REFERENCE PROFIL				
55	.779	.763	.890 .897		.764				
56	.769	.759	.941 .859		.765				
57	.758	.747	.986 .842		.764				
58	.738	.715	1.150 .806		.765				

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******************************  FICHIER AD265       N0(IT)=  4
19/ 3/85 11H15  M=.745 PI=1.7 TI=300  I=+3.00  (RM  ) AD265
DE   AD264  4' ITER.
```

MACH DE REFERENCE= .7517 UINF= 245.386 M/S
TIV=295.0 K PIV= 1726 MB

I	MACH PAROIS HAUT	MACH PAROIS BAS
1	.758	.740
2	.759	.746
3	.757	.743
4	.752	.742
5	.749	.744
6	.751	.746
7	.753	.745
8	.752	.742
9	.752	.746
10	.755	.741
11	.754	.744
12	.749	.743
13	.753	.739
14	.753	.741
15	.755	.742
16	.755	.739
17	.761	.735
18	.767	.727
19	.765	.723
20	.765	.718
21	.778	.712
22	.783	.703
23	.796	.694
24	.803	.692
25	.812	.697
26	.820	.700
27	.826	.707
28	.832	.719
29	.833	.729
30	.834	.736
31	.838	.737
32	.837	.745
33	.835	.746
34	.831	.743
35	.827	.743
36	.824	.739
37	.819	.737
38	.816	.735
39	.814	.732
40	.808	.731
41	.803	.729
42	.802	.728
43	.793	.726
44	.784	.725
45	.779	.725
46	.774	.728
47	.769	.733
48	.767	.738
49	.766	.740
50	.762	.742
51	.763	.744
52	.759	.744
53	.764	.748
54	.765	.751
55	.763	.748
56	.755	.744
57	.747	.733
58	.722	.705

PRISES DOUBLES

I	HAUT	BAS
59	.753	.744
60	.759	.746
61	.758	.742

PRISES LAT. GAUCHES

I	HAUT	BAS
62	.754	.745
63	.753	.748
64	.758	.736
65	.772	.710
66	.812	.695
67	.834	.727
68	.834	.743
69	.822	.740
70	.804	.731
71	.770	.732
72	.761	.743
73	.743	.756

PRISES LAT. DROITES

I	HAUT	BAS
74	.754	.746
75	.754	.745
76	.754	.744
77	.752	.738
78	.760	.736
79	.774	.721
80	.773	.711
81	.796	.697
82	.810	.697
83	.824	.708
84	.833	.727
85	.835	.738
86	.833	.742
87	.828	.740
88	.821	.736
89	.813	.732
90	.801	.731
91	.786	.727
92	.772	.734
93	.761	.740
94	.763	.742
95	.760	.727
96	.743	.727

PRISES COL

.835	1.207
.873	.927
.927	.866
.973	.836
1.140	.795

MACH PROFIL

I	EXT	I	INT
1	.219	53	.731
2	.430	54	.715
3	.548	55	.710
4	.667	56	.710
5	.765	57	.710
6	.811	58	.714
7	.832	59	.718
8	.847	60	.725
9	.868	61	.734
10	.894	62	.746
11	.924	63	.755
12	.962	64	.765
13	1.046	65	.778
14	1.132	66	.794
15	1.259	67	.808
16	1.299	68	.823
17	1.311	69	.838
18	1.319	70	.851
19	1.332	71	.862
20	1.334	72	.867
21	1.334	73	.865
22	1.341	74	.861
23	1.342	75	.852
24	1.343	76	.841
25	1.344	77	.827
26	1.344	78	.812
27	1.335	79	.795
28	1.302	80	.779
29	1.223	81	.764
30	1.164	82	.750
31	1.124	83	.736
32	1.081	84	.720
33	1.040	85	.707
34	1.019	86	.692
35	1.000	87	.674
36	.984	88	.651
37	.967	89	.625
38	.950	90	.606
39	.931	91	.592
40	.913	92	.577
41	.896	93	.562
42	.880	94	.550
43	.866	95	.535
44	.852	96	.536
45	.836	97	.513
46	.825	98	.498
47	.813	99	.484
48	.803	100	.418
49	.794	101	.302
50	.784	102	.179
51	.774	103	.069
52	.761		

REFERENCE PROFIL

.751
.751
.750
.751

T(K)

I	TPR
1	290.6
2	288.3
3	287.5
4	287.3
5	288.0
6	289.2
7	289.3
8	289.4
9	291.3
10	291.1
11	290.9
12	290.8
13	291.2
14	291.6
15	291.4
16	288.1
17	288.0
18	288.0
19	288.3

I	TPG
1	295.0
2	295.0
3	295.0
4	295.0
5	294.9

```
*****************************   FICHIER AD266      N0(IT)=  5
19/ 3/85 11H55  M=.696 PI=1.7 TI=300  I=+4.00  (RM  ) AD266
DE   AD265  4' ITER.
```

MACH DE REFERENCE= .7021 UINF= 230.874 M/S
TIV=295.5 K PIV= 1655 MB

I	MACH PAROIS HAUT	MACH PAROIS BAS	I	MACH PROFIL EXT	I	MACH PROFIL INT	I	T(K) TPR
1	.711	.689	PRISES DOUBLES	.374	53	.636	1	290.3
2	.711	.694		.587	54	.631	2	288.0
3	.709	.692	59 .705 .693	.709	55	.631	3	287.4
4	.704	.693	60 .710 .696	.842	56	.634	4	287.7
5	.701	.695	61 .711 .691	.959	57	.637	5	289.2
6	.703	.696		1.004	58	.642	6	289.1
7	.705	.695	PRISES LAT. GAUCHES	1.001	59	.647	7	288.5
8	.705	.692		.996	60	.655	8	288.9
9	.706	.696	62 .706 .695	1.002	61	.661	9	292.0
10	.707	.691	63 .707 .696	1.015	62	.673	10	291.9
11	.706	.694	64 .714 .685	1.036	63	.680	11	291.7
12	.702	.693	65 .731 .660	1.069	64	.688	12	291.8
13	.706	.689	66 .767 .636	1.152	65	.698	13	292.0
14	.707	.690	67 .780 .658	1.228	66	.708	14	292.2
15	.710	.691	68 .779 .675	1.311	67	.720	15	291.3
16	.710	.689	69 .769 .678	1.369	68	.731	16	288.7
17	.716	.684	70 .751 .675	1.401	69	.742	17	288.3
18	.721	.675	71 .723 .683	1.409	70	.751	18	288.7
19	.719	.671	72 .713 .691	1.407	71	.757	19	289.0
20	.724	.668	73 .694 .702	1.407	72	.759		
21	.736	.662		1.403	73	.757	I	TPG
22	.743	.650	PRISES LAT. DROITES	1.403	74	.753		
23	.754	.639		1.396	75	.745	1	295.4
24	.760	.633	74 .706 .696	1.390	76	.736	2	295.4
25	.768	.635	75 .706 .693	1.386	77	.724	3	295.4
26	.773	.636	76 .706 .694	1.384	78	.711	4	295.4
27	.777	.640	77 .706 .688	1.383	79	.697	5	295.4
28	.780	.649	78 .715 .685	1.267	80	.683		
29	.780	.657	79 .727 .669	1.085	81	.670		
30	.780	.664	80 .732 .662	1.045	82	.656		
31	.782	.665	81 .753 .641	1.019	83	.643		
32	.781	.672	82 .766 .635	.993	84	.628		
33	.779	.675	83 .775 .642	.963	85	.615		
34	.776	.673	84 .779 .657	.936	86	.600		
35	.773	.674	85 .780 .667	.915	87	.580		
36	.771	.674	86 .777 .674	.898	88	.556		
37	.767	.671	87 .773 .676	.888	89	.527		
38	.763	.670	88 .768 .675	.879	90	.507		
39	.760	.669	89 .759 .672	.871	91	.487		
40	.755	.668	90 .748 .673	.860	92	.472		
41	.750	.668	91 .736 .675	.845	93	.455		
42	.749	.668	92 .725 .684	.828	94	.439		
43	.742	.669	93 .715 .688	.810	95	.418		
44	.735	.672	94 .714 .690	.788	96	.418		
45	.730	.673	95 .711 .690	.766	97	.386		
46	.727	.678	96 .694 .689	.744	98	.351		
47	.723	.684		.724	99	.309		
48	.721	.688		.704	100	.236		
49	.718	.689		.688	101	.130		
50	.714	.689		.672	102	.060		
51	.715	.691		.657	103	.132		
52	.712	.692	PRISES COL	.648				
53	.715	.695						
54	.715	.698	.776 1.169	REFERENCE PROFIL				
55	.712	.697	.822 1.252	.701				
56	.705	.695	.886 .890	.702				
57	.698	.690	.940 .821	.702				
58	.677	.678	1.112 .767	.701				

********** FICHIER AD267 N0(IT)= 4
19/ 3/85 14H20 M=.725 PI=1.7 TI=300 I=+4.00 (RM) AD267
DE AD266 4' ITER.

MACH DE REFERENCE= .7316 UINF= 239.020 M/S
TIV=293.9 K PIV= 1697 MB

I	MACH PAROIS HAUT	BAS		I	HAUT	BAS	I	MACH PROFIL EXT	I	INT	I	T(K) TPR
1	.739	.719	PRISES DOUBLES				1	.313	53	.711	1	289.8
2	.741	.725					2	.526	54	.696	2	287.5
3	.739	.723		59	.733	.725	3	.646	55	.691	3	286.9
4	.733	.721		60	.738	.725	4	.773	56	.690	4	287.2
5	.730	.725		61	.738	.721	5	.881	57	.691	5	288.0
6	.732	.726					6	.924	58	.694	6	288.2
7	.733	.727	PRISES LAT. GAUCHES				7	.935	59	.697	7	288.0
8	.731	.722					8	.940	60	.703	8	288.2
9	.731	.725		62	.736	.724	9	.953	61	.711	9	290.7
10	.734	.720		63	.733	.727	10	.971	62	.721	10	290.5
11	.734	.723		64	.740	.712	11	.997	63	.728	11	290.3
12	.729	.721		65	.757	.689	12	1.032	64	.737	12	290.4
13	.734	.717		66	.792	.665	13	1.121	65	.749	13	290.7
14	.734	.718		67	.816	.695	14	1.194	66	.759	14	291.1
15	.736	.719		68	.814	.714	15	1.294	67	.772	15	290.9
16	.736	.715		69	.801	.714	16	1.350	68	.786	16	288.4
17	.742	.711		70	.784	.711	17	1.380	69	.798	17	288.1
18	.750	.705		71	.755	.713	18	1.389	70	.808	18	288.3
19	.751	.702		72	.741	.722	19	1.389	71	.816	19	288.5
20	.751	.699		73	.716	.733	20	1.392	72	.818		
21	.764	.691					21	1.391	73	.815	I	TPG
22	.766	.677	PRISES LAT. DROITES				22	1.393	74	.811		
23	.776	.666					23	1.367	75	.801	1	293.9
24	.784	.662		74	.735	.725	24	1.331	76	.791	2	293.9
25	.792	.666		75	.734	.726	25	1.282	77	.777	3	293.8
26	.800	.669		76	.732	.722	26	1.243	78	.762	4	293.8
27	.808	.676		77	.733	.716	27	1.203	79	.746	5	293.9
28	.815	.687		78	.741	.712	28	1.172	80	.730		
29	.816	.697		79	.757	.699	29	1.139	81	.716		
30	.818	.703		80	.757	.690	30	1.105	82	.701		
31	.820	.705		81	.775	.668	31	1.063	83	.687		
32	.817	.713		82	.790	.666	32	1.034	84	.671		
33	.815	.715		83	.806	.677	33	1.018	85	.657		
34	.810	.714		84	.815	.695	34	1.001	86	.641		
35	.805	.715		85	.817	.707	35	.982	87	.622		
36	.804	.714		86	.813	.714	36	.964	88	.597		
37	.800	.712		87	.807	.714	37	.946	89	.568		
38	.797	.713		88	.801	.712	38	.928	90	.548		
39	.795	.712		89	.793	.711	39	.910	91	.531		
40	.789	.711		90	.780	.711	40	.892	92	.514		
41	.784	.710		91	.765	.707	41	.876	93	.495		
42	.782	.709		92	.757	.713	42	.858	94	.482		
43	.773	.706		93	.745	.720	43	.845	95	.463		
44	.764	.705		94	.743	.722	44	.830	96	.466		
45	.759	.705		95	.740	.709	45	.817	97	.435		
46	.757	.708		96	.716	.708	46	.803	98	.407		
47	.755	.714					47	.794	99	.374		
48	.753	.718					48	.782	100	.304		
49	.749	.720					49	.773	101	.192		
50	.743	.721					50	.762	102	.072		
51	.743	.723					51	.754	103	.077		
52	.739	.722	PRISES COL				52	.741				
53	.744	.726										
54	.745	.730			.815	1.196		REFERENCE PROFIL				
55	.742	.727			.856	.931		.731				
56	.733	.724			.914	.862		.730				
57	.722	.714			.964	.826		.730				
58	.692	.688			1.133	.782		.731				

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****************************   FICHIER AD268      N0(IT)=  4
19/ 3/85 14H55  M=.695 PI=1.7 TI=300  I=-1.00  (RM  ) AD268
DE   AD249  4' ITER.
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MACH DE REFERENCE= .6994 UINF= 229.676 M/S
TIV=294.5 K PIV= 1588 MB

I	MACH PAROIS HAUT	BAS		I	MACH PROFIL HAUT	BAS		I	MACH PROFIL EXT	I	INT		I	T(K) TPR
1	.701	.696	* PRISES DOUBLES				*	1	.125	53	.636	*	1	290.9
2	.700	.698	*				*	2	.100	54	.636	*	2	290.4
3	.701	.696	*	59	.698	.696	*	3	.203	55	.640	*	3	290.3
4	.701	.697	*	60	.703	.698	*	4	.307	56	.644	*	4	290.2
5	.700	.699	*	61	.702	.693	*	5	.390	57	.651	*	5	290.1
6	.698	.699	*				*	6	.451	58	.659	*	6	290.0
7	.697	.697	* PRISES LAT. GAUCHES				*	7	.493	59	.666	*	7	290.0
8	.698	.696	*				*	8	.530	60	.676	*	8	290.4
9	.699	.700	*	62	.701	.699	*	9	.564	61	.687	*	9	291.2
10	.699	.693	*	63	.700	.701	*	10	.600	62	.700	*	10	291.0
11	.700	.697	*	64	.700	.696	*	11	.635	63	.711	*	11	290.6
12	.698	.698	*	65	.705	.684	*	12	.673	64	.724	*	12	290.5
13	.701	.695	*	66	.718	.693	*	13	.759	65	.738	*	13	290.7
14	.698	.695	*	67	.726	.717	*	14	.838	66	.754	*	14	291.1
15	.699	.696	*	68	.726	.722	*	15	.877	67	.771	*	15	291.3
16	.698	.694	*	69	.725	.711	*	16	.906	68	.789	*	16	289.9
17	.700	.693	*	70	.722	.691	*	17	.910	69	.807	*	17	290.1
18	.703	.690	*	71	.705	.687	*	18	.911	70	.824	*	18	289.8
19	.701	.689	*	72	.704	.695	*	19	.904	71	.838	*	19	289.9
20	.702	.687	*	73	.703	.702	*	20	.898	72	.849	*		
21	.714	.685	*				*	21	.897	73	.854	*	I	TPG
22	.706	.682	* PRISES LAT. DROITES				*	22	.898	74	.858	*		
23	.711	.682	*				*	23	.895	75	.856	*	1	294.5
24	.714	.687	*	74	.700	.698	*	24	.894	76	.852	*	2	294.6
25	.717	.696	*	75	.699	.698	*	25	.892	77	.845	*	3	294.5
26	.720	.701	*	76	.699	.696	*	26	.892	78	.837	*	4	294.4
27	.722	.707	*	77	.700	.695	*	27	.892	79	.826	*	5	294.4
28	.724	.715	*	78	.700	.695	*	28	.895	80	.816	*		
29	.724	.719	*	79	.709	.688	*	29	.897	81	.808	*		
30	.724	.722	*	80	.707	.685	*	30	.898	82	.800	*		
31	.726	.720	*	81	.712	.684	*	31	.899	83	.793	*		
32	.725	.725	*	82	.717	.696	*	32	.903	84	.786	*		
33	.724	.724	*	83	.721	.707	*	33	.904	85	.780	*		
34	.723	.719	*	84	.725	.717	*	34	.906	86	.778	*		
35	.723	.718	*	85	.726	.722	*	35	.909	87	.771	*		
36	.724	.714	*	86	.725	.723	*	36	.911	88	.762	*		
37	.723	.708	*	87	.724	.718	*	37	.911	89	.755	*		
38	.724	.702	*	88	.724	.709	*	38	.909	90	.747	*		
39	.725	.697	*	89	.725	.698	*	39	.899	91	.750	*		
40	.723	.694	*	90	.721	.692	*	40	.882	92	.741	*		
41	.721	.690	*	91	.713	.689	*	41	.864	93	.734	*		
42	.721	.688	*	92	.708	.688	*	42	.843	94	.729	*		
43	.716	.686	*	93	.702	.692	*	43	.821	95	.707	*		
44	.712	.686	*	94	.704	.694	*	44	.795	96	.736	*		
45	.707	.685	*	95	.702	.694	*	45	.769	97	.812	*		
46	.706	.686	*	96	.702	.693	*	46	.742	98	.840	*		
47	.704	.687	*				*	47	.718	99	.913	*		
48	.704	.689	*				*	48	.695	100	.874	*		
49	.704	.691	*				*	49	.676	101	.718	*		
50	.703	.694	*				*	50	.659	102	.547	*		
51	.703	.694	*				*	51	.646	103	.417	*		
52	.703	.695	*	PRISES COL			*	52	.636					
53	.704	.696	*											
54	.703	.697	*	.767	1.156		*	REFERENCE PROFIL						
55	.703	.697	*	.813	.958		*	.700						
56	.700	.696	*	.878	.848		*	.701						
57	.700	.693	*	.933	.786		*	.699						
58	.698	.685	*	1.105	.738		*	.700						

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**********************************   FICHIER AD269      N0(IT)=  4
19/ 3/85 15H20  M=.725 PI=1.7 TI=300  I=-1.00  (RM  ) AD269
DE   AD268  4' ITER.
-------------------------------------------------------------------------------
        MACH DE REFERENCE= .7312      UINF=  239.567 M/S
                          TIV=295.6 K      PIV=  1630 MB
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MACH PAROIS						MACH PROFIL				T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.731	.725	PRISES DOUBLES			1	.127	53	.663	1	291.7
2	.729	.728				2	.082	54	.663	2	291.2
3	.730	.727	59	.728	.726	3	.193	55	.666	3	291.1
4	.730	.729	60	.735	.729	4	.301	56	.672	4	290.9
5	.730	.733	61	.734	.726	5	.388	57	.678	5	290.8
6	.729	.731				6	.453	58	.686	6	290.7
7	.728	.727	PRISES LAT. GAUCHES			7	.497	59	.695	7	290.7
8	.731	.726				8	.534	60	.705	8	291.2
9	.733	.731	62	.729	.730	9	.570	61	.717	9	292.1
10	.731	.723	63	.729	.729	10	.608	62	.731	10	291.8
11	.730	.728	64	.732	.725	11	.645	63	.743	11	291.4
12	.726	.729	65	.733	.713	12	.685	64	.757	12	291.2
13	.730	.726	66	.748	.722	13	.779	65	.773	13	291.5
14	.727	.726	67	.764	.759	14	.864	66	.791	14	291.9
15	.729	.726	68	.766	.763	15	.913	67	.810	15	292.1
16	.731	.725	69	.762	.744	16	.951	68	.831	16	290.6
17	.734	.724	70	.752	.720	17	.960	69	.852	17	291.0
18	.738	.721	71	.740	.717	18	.963	70	.872	18	290.7
19	.734	.719	72	.732	.726	19	.956	71	.891	19	290.7
20	.732	.717	73	.739	.733	20	.949	72	.905		
21	.743	.715				21	.949	73	.912	I	TPG
22	.738	.714	PRISES LAT. DROITES			22	.955	74	.916		
23	.743	.712				23	.948	75	.914	1	295.6
24	.744	.715	74	.730	.730	24	.947	76	.910	2	295.6
25	.747	.725	75	.729	.727	25	.946	77	.901	3	295.6
26	.751	.732	76	.729	.725	26	.945	78	.890	4	295.5
27	.755	.742	77	.727	.724	27	.947	79	.877	5	295.5
28	.760	.754	78	.732	.725	28	.950	80	.864		
29	.762	.763	79	.739	.717	29	.951	81	.854		
30	.763	.767	80	.735	.714	30	.953	82	.845		
31	.765	.765	81	.743	.714	31	.955	83	.837		
32	.765	.769	82	.745	.724	32	.961	84	.828		
33	.764	.767	83	.754	.741	33	.963	85	.821		
34	.763	.759	84	.763	.759	34	.965	86	.818		
35	.762	.754	85	.765	.766	35	.969	87	.810		
36	.762	.749	86	.764	.764	36	.971	88	.801		
37	.759	.741	87	.763	.755	37	.970	89	.792		
38	.758	.733	88	.761	.743	38	.964	90	.783		
39	.757	.726	89	.756	.727	39	.950	91	.785		
40	.754	.723	90	.750	.720	40	.929	92	.776		
41	.751	.719	91	.744	.718	41	.905	93	.768		
42	.751	.717	92	.742	.718	42	.880	94	.762		
43	.747	.715	93	.734	.723	43	.854	95	.738		
44	.744	.716	94	.733	.725	44	.825	96	.762		
45	.741	.716	95	.733	.726	45	.796	97	.867		
46	.741	.717	96	.738	.725	46	.768	98	.894		
47	.741	.719				47	.742	99	.970		
48	.740	.721				48	.719	100	.924		
49	.738	.724				49	.701	101	.751		
50	.734	.726				50	.686	102	.571		
51	.734	.726				51	.674	103	.434		
52	.735	.727	PRISES COL			52	.665				
53	.736	.728									
54	.735	.729	.800	1.182		REFERENCE PROFIL					
55	.736	.729	.842	.927		.728					
56	.735	.729	.902	.850		.729					
57	.736	.726	.953	.801		.728					
58	.736	.717	1.124	.762		.729					

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******************************   FICHIER AD270      N0(IT)=  4
19/ 3/85 15H35  M=.758 PI=1.7 TI=300  I=-1.00  (RM  ) AD270
DE   AD269  4' ITER.
-------------------------------------------------------------------------------
        MACH DE REFERENCE= .7652      UINF=  249.959 M/S
                    TIV=296.5 K       PIV=  1683 MB
 ***************************************************************************
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MACH PAROIS							MACH PROFIL					T(K)	
I	HAUT	BAS		I	HAUT	BAS	I	EXT	I	INT		I	TPR
1	.765	.759		PRISES DOUBLES			1	.152	53	.699		1	292.1
2	.763	.762					2	.088	54	.698		2	291.7
3	.764	.759		59	.761	.759	3	.192	55	.701		3	291.5
4	.763	.760		60	.769	.763	4	.299	56	.706		4	291.3
5	.763	.764		61	.766	.757	5	.388	57	.714		5	291.1
6	.761	.763					6	.453	58	.722		6	290.9
7	.760	.761		PRISES LAT. GAUCHES			7	.500	59	.731		7	291.1
8	.763	.761					8	.539	60	.742		8	291.8
9	.765	.767		62	.763	.762	9	.576	61	.754		9	292.8
10	.765	.758		63	.761	.765	10	.616	62	.770		10	292.4
11	.765	.760		64	.764	.759	11	.655	63	.784		11	291.9
12	.762	.761		65	.766	.746	12	.696	64	.799		12	291.6
13	.765	.757		66	.785	.759	13	.794	65	.816		13	291.9
14	.761	.758		67	.805	.799	14	.888	66	.836		14	292.4
15	.762	.759		68	.803	.809	15	.946	67	.858		15	292.6
16	.762	.758		69	.797	.786	16	.996	68	.882		16	291.1
17	.765	.757		70	.790	.752	17	1.013	69	.908		17	291.5
18	.769	.753		71	.773	.751	18	1.026	70	.934		18	291.2
19	.765	.752		72	.765	.758	19	1.020	71	.960		19	291.3
20	.764	.751		73	.773	.768	20	1.011	72	.980			
21	.774	.748					21	1.013	73	.992		I	TPG
22	.771	.743		PRISES LAT. DROITES			22	1.026	74	.999			
23	.777	.741					23	1.018	75	.994		1	296.5
24	.780	.748		74	.763	.762	24	1.015	76	.986		2	296.5
25	.785	.762		75	.762	.762	25	1.013	77	.972		3	296.5
26	.791	.772		76	.763	.760	26	1.012	78	.956		4	296.4
27	.796	.782		77	.763	.756	27	1.015	79	.938		5	296.4
28	.802	.795		78	.764	.758	28	1.018	80	.923			
29	.804	.804		79	.773	.750	29	1.022	81	.910			
30	.805	.810		80	.769	.748	30	1.029	82	.899			
31	.806	.808		81	.778	.744	31	1.033	83	.890			
32	.804	.815		82	.783	.762	32	1.041	84	.880			
33	.802	.812		83	.793	.779	33	1.045	85	.871			
34	.799	.805		84	.804	.798	34	1.050	86	.867			
35	.797	.801		85	.805	.809	35	1.056	87	.859			
36	.797	.794		86	.800	.809	36	1.064	88	.848			
37	.796	.785		87	.798	.801	37	1.055	89	.838			
38	.795	.773		88	.796	.785	38	1.032	90	.829			
39	.796	.763		89	.795	.764	39	1.006	91	.833			
40	.792	.758		90	.788	.752	40	.977	92	.822			
41	.789	.752		91	.778	.749	41	.948	93	.812			
42	.789	.749		92	.775	.752	42	.918	94	.803			
43	.784	.745		93	.766	.757	43	.887	95	.771			
44	.778	.745		94	.767	.757	44	.854	96	.802			
45	.774	.745		95	.766	.750	45	.824	97	.946			
46	.773	.748		96	.773	.750	46	.795	98	.969			
47	.774	.752					47	.771	99	1.048			
48	.772	.755					48	.751	100	.987			
49	.770	.757					49	.734	101	.791			
50	.766	.758					50	.722	102	.600			
51	.766	.757					51	.712	103	.461			
52	.767	.758		PRISES COL			52	.703					
53	.769	.761											
54	.769	.764		.837	1.205			REFERENCE PROFIL					
55	.770	.762		.876	.882			.763					
56	.768	.761		.929	.846			.765					
57	.770	.753		.975	.815			.763					
58	.769	.731		1.141	.786			.764					

********** FICHIER AD271 N0(IT)= 5
19/ 3/85 16H10 M=.724 PI=1.7 TI=300 I=-0.25 (RM) AD271
DE AD250 4' ITER.

MACH DE REFERENCE= .7299 UINF= 239.417 M/S
TIV=296.2 K PIV= 1634 MB

I	MACH PAROIS HAUT	BAS	I	MACH PAROIS HAUT	BAS
1	.733	.724	PRISES DOUBLES		
2	.730	.726			
3	.730	.724	59	.728	.724
4	.730	.726	60	.734	.728
5	.729	.729	61	.731	.722
6	.728	.728			
7	.728	.726	PRISES LAT. GAUCHES		
8	.731	.726			
9	.733	.731	62	.729	.728
10	.731	.723	63	.730	.730
11	.730	.726	64	.732	.722
12	.727	.727	65	.735	.710
13	.730	.723	66	.756	.714
14	.727	.723	67	.769	.744
15	.728	.724	68	.767	.753
16	.729	.722	69	.764	.740
17	.732	.720	70	.759	.715
18	.737	.715	71	.737	.716
19	.734	.714	72	.733	.722
20	.732	.714	73	.737	.732
21	.743	.711			
22	.741	.706	PRISES LAT. DROITES		
23	.748	.702			
24	.751	.707	74	.730	.728
25	.755	.716	75	.729	.726
26	.759	.722	76	.730	.726
27	.763	.729	77	.729	.723
28	.766	.739	78	.732	.722
29	.767	.746	79	.741	.713
30	.767	.751	80	.738	.711
31	.768	.750	81	.749	.705
32	.767	.756	82	.754	.716
33	.765	.756	83	.761	.729
34	.763	.751	84	.767	.743
35	.762	.748	85	.768	.751
36	.762	.744	86	.765	.753
37	.761	.737	87	.763	.749
38	.761	.729	88	.763	.739
39	.763	.722	89	.763	.723
40	.760	.718	90	.757	.715
41	.757	.714	91	.747	.714
42	.757	.712	92	.739	.716
43	.752	.710	93	.733	.721
44	.745	.710	94	.734	.722
45	.741	.711	95	.731	.721
46	.739	.713	96	.736	.721
47	.738	.717			
48	.737	.719			
49	.736	.720			
50	.734	.722			
51	.734	.721			
52	.733	.724	PRISES COL		
53	.733	.725			
54	.733	.727	.799	1.181	
55	.733	.727	.842	.923	
56	.732	.726	.901	.850	
57	.733	.721	.951	.801	
58	.733	.709	1.122	.761	

I	MACH PROFIL EXT	I	INT
1	.079	53	.669
2	.166	54	.666
3	.274	55	.668
4	.383	56	.673
5	.470	57	.678
6	.528	58	.687
7	.569	59	.694
8	.602	60	.705
9	.636	61	.716
10	.671	62	.730
11	.708	63	.742
12	.748	64	.755
13	.841	65	.770
14	.935	66	.786
15	.982	67	.804
16	1.020	68	.824
17	1.028	69	.844
18	1.028	70	.862
19	1.011	71	.878
20	.995	72	.889
21	.991	73	.894
22	.995	74	.897
23	.984	75	.892
24	.978	76	.886
25	.976	77	.876
26	.973	78	.865
27	.972	79	.851
28	.973	80	.838
29	.973	81	.827
30	.974	82	.817
31	.974	83	.808
32	.976	84	.797
33	.977	85	.788
34	.977	86	.783
35	.979	87	.773
36	.979	88	.760
37	.976	89	.749
38	.966	90	.738
39	.952	91	.734
40	.930	92	.727
41	.906	93	.720
42	.879	94	.718
43	.852	95	.718
44	.822	96	.720
45	.793	97	.733
46	.766	98	.779
47	.741	99	.839
48	.721	100	.782
49	.704	101	.635
50	.690	102	.472
51	.681	103	.340
52	.672		

I	T(K) TPR
1	291.7
2	290.9
3	291.0
4	290.9
5	290.8
6	290.8
7	290.9
8	291.5
9	292.5
10	292.1
11	291.8
12	291.6
13	291.9
14	292.2
15	292.2
16	290.9
17	291.2
18	291.1
19	291.1

I	TPG
1	296.1
2	296.1
3	296.1
4	296.1
5	296.0

REFERENCE PROFIL
.730
.730
.730
.729

********** FICHIER AD273 N0(IT)= 4
19/ 3/85 17H20 M=.721 PI=3.3 TI=300 I=-0.25 (RMP) AD273
DE AD272 5' ITER.

MACH DE REFERENCE= .7271 UINF= 239.455 M/S
TIV=298.3 K PIV= 3294 MB

I	T(K) TP
1	291
2	290
3	291
4	290
5	290
6	290
7	290
8	291.
9	292.
10	292.
11	291
12	291.
13	291.
14	292.
15	292.
16	290.
17	291.
18	291.
19	291.

I	TPC
1	296.
2	296.
3	296.
4	296.
5	296.

MACH PAROIS

I	HAUT	BAS
1	.727	.719
2	.721	.720
3	.724	.718
4	.730	.726
5	.731	.731
6	.725	.724
7	.722	.718
8	.730	.722
9	.733	.731
10	.730	.719
11	.728	.726
12	.726	.730
13	.731	.723
14	.726	.719
15	.726	.719
16	.729	.720
17	.734	.718
18	.739	.716
19	.733	.714
20	.733	.712
21	.737	.709
22	.742	.705
23	.748	.701
24	.748	.701
25	.752	.708
26	.755	.714
27	.760	.720
28	.765	.731
29	.768	.739
30	.768	.744
31	.770	.743
32	.768	.749
33	.766	.748
34	.764	.742
35	.761	.740
36	.762	.735
37	.760	.729
38	.761	.721
39	.762	.714
40	.758	.712
41	.756	.708
42	.755	.706
43	.748	.706
44	.742	.708
45	.738	.709
46	.737	.710
47	.738	.713
48	.736	.714
49	.734	.719
50	.731	.722
51	.729	.717
52	.732	.722
53	.731	.724
54	.728	.726
55	.729	.727
56	.730	.728
57	.732	.713
58	.730	.685

PRISES DOUBLES

59	.722	.716
60	.732	.725
61	.732	.719

PRISES LAT. GAUCHES

62	.726	.726
63	.732	.728
64	.731	.721
65	.733	.706
66	.752	.709
67	.770	.737
68	.767	.746
69	.762	.731
70	.756	.709
71	.736	.711
72	.728	.716
73	.734	.730

PRISES LAT. DROITES

74	.726	.726
75	.724	.718
76	.727	.722
77	.726	.720
78	.733	.719
79	.739	.713
80	.735	.707
81	.747	.704
82	.751	.708
83	.758	.720
84	.768	.737
85	.769	.745
86	.765	.745
87	.763	.741
88	.761	.730
89	.760	.715
90	.754	.709
91	.742	.712
92	.738	.711
93	.732	.718
94	.730	.716
95	.727	.707
96	.733	.706

PRISES COL

.792	1.175
.836	1.243
.897	.962
.948	.843
1.123	.791

MACH PROFIL

I	EXT	I	INT
1	.063	53	.652
2	.176	54	.651
3	.289	55	.654
4	.396	56	.660
5	.485	57	.666
6	.540	58	.675
7	.580	59	.683
8	.614	60	.692
9	.645	61	.703
10	.685	62	.719
11	.719	63	.729
12	.758	64	.742
13	.850	65	.757
14	.951	66	.774
15	.991	67	.792
16	1.037	68	.812
17	1.041	69	.830
18	1.039	70	.847
19	1.016	71	.863
20	.998	72	.873
21	.992	73	.877
22	.996	74	.879
23	.985	75	.875
24	.979	76	.870
25	.975	77	.861
26	.971	78	.850
27	.971	79	.836
28	.971	80	.824
29	.973	81	.814
30	.973	82	.804
31	.973	83	.795
32	.975	84	.785
33	.976	85	.781
34	.977	86	.774
35	.979	87	.763
36	.981	88	.749
37	.978	89	.735
38	.971	90	.724
39	.956	91	.724
40	.935	92	.715
41	.911	93	.703
42	.886	94	.698
43	.860	95	.701
44	.830	96	.707
45	.802	97	.713
46	.772	98	.757
47	.744	99	.816
48	.720	100	.760
49	.698	101	.617
50	.681	102	.454
51	.666	103	.326
52	.655		

REFERENCE PROFIL

.725
.728
.725
.726

I	T(K) TPR
1	294.5
2	292.9
3	293.4
4	293.3
5	293.2
6	293.2
7	293.2
8	293.8
9	295.0
10	294.8
11	294.3
12	294.1
13	294.4
14	294.9
15	295.3
16	294.3
17	294.3
18	294.3
19	294.4

I	TPG
1	298.2
2	298.2
3	298.2
4	298.1
5	298.2

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******************************   FICHIER AD277      N0(IT)=  4
20/ 3/85 16H35  M=.730 PI=1.7 TI=TA   I=-0.25  (RM  ) AD277
DE   AD274  4' ITER.
-------------------------------------------------------------------------------
        MACH DE REFERENCE= .7358      UINF=  239.628 M/S
                          TIV=292.4 K      PIV=  1638 MB
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MACH PAROIS							MACH PROFIL					T(K)	
I	HAUT	BAS		I	HAUT	BAS	I	EXT	I	INT		I	TPR
1	.738	.729	* PRISES DOUBLES				1	.079	53	.674		1	290.6
2	.736	.732					2	.164	54	.671		2	289.4
3	.735	.730		59	.734	.730	3	.275	55	.674		3	290.3
4	.734	.732		60	.742	.733	4	.382	56	.679		4	290.0
5	.733	.736		61	.739	.730	5	.469	57	.684		5	290.0
6	.733	.735					6	.528	58	.691		6	290.1
7	.734	.732	* PRISES LAT. GAUCHES				7	.569	59	.700		7	290.1
8	.737	.730					8	.603	60	.709		8	290.8
9	.739	.734		62	.734	.734	9	.637	61	.721		9	291.5
10	.738	.727		63	.736	.734	10	.673	62	.733		10	291.1
11	.736	.732		64	.737	.728	11	.710	63	.747		11	290.7
12	.733	.733		65	.744	.714	12	.750	64	.760		12	290.4
13	.736	.729		66	.762	.720	13	.845	65	.775		13	290.6
14	.733	.728		67	.777	.752	14	.939	66	.793		14	291.2
15	.734	.728		68	.775	.758	15	.989	67	.811		15	292.1
16	.735	.727		69	.771	.743	16	1.018	68	.831		16	292.1
17	.738	.726		70	.762	.722	17	1.041	69	.851		17	294.0
18	.742	.725		71	.745	.720	18	1.044	70	.871		18	294.7
19	.740	.723		72	.741	.730	19	1.026	71	.887		19	290.9
20	.742	.720		73	.741	.738	20	1.009	72	.900			
21	.747	.716					21	1.004	73	.905		I	TPG
22	.747	.711	* PRISES LAT. DROITES				22	1.009	74	.907			
23	.751	.708					23	.998	75	.903		1	292.3
24	.757	.713		74	.734	.734	24	.992	76	.897		2	292.3
25	.762	.722		75	.735	.733	25	.988	77	.887		3	292.3
26	.766	.729		76	.737	.730	26	.985	78	.875		4	292.2
27	.769	.737		77	.734	.727	27	.985	79	.861		5	292.2
28	.773	.747		78	.736	.727	28	.985	80	.847			
29	.775	.755		79	.746	.721	29	.986	81	.836			
30	.775	.760		80	.743	.715	30	.987	82	.826			
31	.777	.758		81	.754	.710	31	.988	83	.816			
32	.776	.763		82	.760	.722	32	.989	84	.806			
33	.775	.762		83	.768	.736	33	.990	85	.797			
34	.773	.756		84	.775	.752	34	.991	86	.792			
35	.771	.752		85	.776	.759	35	.992	87	.781			
36	.771	.747		86	.773	.759	36	.992	88	.768			
37	.769	.741		87	.772	.752	37	.987	89	.756			
38	.768	.734		88	.771	.741	38	.977	90	.743			
39	.768	.728		89	.767	.729	39	.960	91	.742			
40	.764	.725		90	.760	.722	40	.937	92	.734			
41	.762	.721		91	.749	.719	41	.911	93	.728			
42	.760	.719		92	.747	.721	42	.884	94	.726			
43	.755	.717		93	.741	.727	43	.856	95	.725			
44	.749	.716		94	.742	.729	44	.826	96	.729			
45	.745	.716		95	.739	.730	45	.797	97	.742			
46	.744	.718		96	.741	.730	46	.769	98	.788			
47	.746	.721					47	.745	99	.849			
48	.745	.724					48	.724	100	.792			
49	.744	.727					49	.709	101	.642			
50	.741	.730					50	.697	102	.477			
51	.741	.730					51	.688	103	.346			
52	.740	.731		PRISES COL			52	.679					
53	.741	.732											
54	.740	.733		.806	1.185			REFERENCE PROFIL					
55	.740	.733		.847	.911			.735					
56	.739	.732		.906	.849			.736					
57	.739	.729		.955	.802			.735					
58	.736	.721		1.126	.766			.736					

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**********************   FICHIER AD279      N0(IT)=  4
20/ 3/85 17H.722 PI=3.3 TI=240  I=-0.25  (RM T) AD279
DE   AD278  R.
-----------------------------------------------------------------------
        MACH FERENCE= .7273       UINF=  214.723 M/S
                TIV=239.8 K       PIV=  3292 MB
          *************************************************************

          ICH PAROIS                    *       MACH PROFIL         *     T(K)
                                        *                           *
 I    HAUT)      I    HAUT     BAS      *    I   EXT    I     INT   *   I   TPR
                                        *                           *
 1    .729)  * PRISES DOUBLES           *    1   .060   53    .647  *   1  236.2
 2    .725?  *                          *    2   .181   54    .647  *   2  234.8
 3    .726)  *  59    .722    .718       *    3   .294   55    .651  *   3  234.9
 4    .727?  *  60    .732    .725       *    4   .402   56    .657  *   4  235.4
 5    .726)  *  61    .731    .720       *    5   .490   57    .664  *   5  235.2
 6    .723?  *                          *    6   .543   58    .672  *   6  235.1
 7    .723)  * PRISES LAT. GAUCHES      *    7   .584   59    .681  *   7  235.1
 8    .727?  *                          *    8   .617   60    .690  *   8  236.2
 9    .728)  *  62    .725    .727       *    9   .648   61    .702  *   9  237.6
10    .729)  *  63    .731    .728       *   10   .691   62    .717  *  10  236.5
11    .725?  *  64    .729    .721       *   11   .722   63    .728  *  11  236.1
12    .724?  *  65    .737    .706       *   12   .762   64    .740  *  12  236.1
13    .724)  *  66    .752    .709       *   13   .853   65    .755  *  13  236.3
14    .726)  *  67    .771    .737       *   14   .957   66    .772  *  14  236.4
15    .720)  *  68    .769    .746       *   15   .994   67    .790  *  15  236.7
16    .721)  *  69    .762    .731       *   16  1.034   68    .809  *  16  236.9
17    .738)  *  70    .756    .710       *   17  1.046   69    .828  *  17  235.1
18    .733)  *  71    .737    .710       *   18  1.042   70    .845  *  18  235.3
19    .732)  *  72    .730    .719       *   19  1.019   71    .861  *  19  237.5
20    .731)  *  73    .734    .731       *   20   .999   72    .872  *
21    .738)  *                          *   21   .994   73    .875  *   I   TPG
22    .744)  * PRISES LAT. DROITES      *   22  1.003   74    .878  *
23    .749)  *                          *   23   .986   75    .873  *   1  240.0
24    .741)  *  74    .725    .726       *   24   .980   76    .868  *   2  240.4
25    .759)  *  75    .725    .721       *   25   .976   77    .859  *   3  239.6
26    .755)  *  76    .727    .721       *   26   .972   78    .848  *   4  239.3
27    .781)  *  77    .724    .719       *   27   .972   79    .834  *   5  239.5
28    .782)  *  78    .729    .719       *   28   .972   80    .823  *
29    .789)  *  79    .739    .711       *   29   .974   81    .812  *
30    .784)  *  80    .736    .708       *   30   .975   82    .803  *
31    .782)  *  81    .748    .701       *   31   .975   83    .794  *
32    .788)  *  82    .751    .709       *   32   .978   84    .784  *
33    .787)  *  83    .759    .721       *   33   .978   85    .779  *
34    .782)  *  84    .768    .737       *   34   .980   86    .774  *
35    .789)  *  85    .770    .744       *   35   .982   87    .762  *
36    .785)  *  86    .766    .745       *   36   .985   88    .747  *
37    .789)  *  87    .763    .741       *   37   .982   89    .733  *
38    .782)  *  88    .760    .730       *   38   .976   90    .721  *
39    .745)  *  89    .759    .716       *   39   .960   91    .735  *
40    .713)  *  90    .753    .710       *   40   .939   92    .714  *
41    .708)  *  91    .745    .710       *   41   .915   93    .703  *
42    .706)  *  92    .739    .710       *   42   .890   94    .699  *
43    .705)  *  93    .731    .718       *   43   .865   95    .694  *
44    .706)  *  94    .732    .718       *   44   .835   96    .704  *
45    .707)  *  95    .729    .715       *   45   .806   97    .712  *
46    .708)  *  96    .732    .715       *   46   .776   98    .758  *
47    .711)  *                          *   47   .747   99    .812  *
48    .714)  *                          *   48   .722  100    .755  *
49    .719)  *                          *   49   .699  101    .612  *
50    .721)  *                          *   50   .679  102    .451  *
51    .719)  *                          *   51   .663  103    .324  *
52    .723)  *       PRISES COL         *   52   .649
53    .724)  *                          *
54    .727)  *       .790   1.176       *       REFERENCE PROFIL
55    .727)  *       .836   1.129       *          .724
56    .728)  *       .897    .886       *          .726
57    .718)  *       .949    .816       *          .723
58    .701)  *      1.126    .766       *          .724
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********** FICHIER AD230 N0(IT)= 4
21/ 3/85 10H 0 M=.724 PI=2.5 TI=TA I=-0.25 (RMP) AD230
DE AD272 5' ITER.

MACH DE REFERENCE= .7297 UINF= 238.256 M/S
TIV=293.4 K PIV= 2497 MB

I	MACH PAROIS HAUT	BAS		I	HAUT	BAS	I	MACH PROFIL EXT	I	INT	I	T(K) TPR
1	.730	.722	PRISES DOUBLES				1	.067	53	.660	1	289.6
2	.727	.724					2	.176	54	.659	2	288.3
3	.729	.722		59	.726	.722	3	.288	55	.662	3	288.7
4	.733	.728		60	.734	.728	4	.396	56	.667	4	288.6
5	.733	.733		61	.733	.724	5	.483	57	.674	5	288.5
6	.729	.728					6	.539	58	.681	6	288.5
7	.726	.724	PRISES LAT. GAUCHES				7	.580	59	.689	7	288.6
8	.729	.726					8	.614	60	.699	8	289.2
9	.731	.733		62	.730	.728	9	.646	61	.710	9	290.3
10	.730	.723		63	.732	.730	10	.684	62	.725	10	289.9
11	.731	.728		64	.733	.723	11	.719	63	.736	11	289.5
12	.729	.730		65	.734	.707	12	.759	64	.748	12	289.3
13	.733	.724		66	.759	.712	13	.852	65	.764	13	289.6
14	.730	.722		67	.772	.742	14	.950	66	.781	14	290.0
15	.730	.722		68	.770	.750	15	.994	67	.800	15	290.4
16	.732	.722		69	.765	.735	16	1.056	68	.819	16	289.8
17	.735	.721		70	.756	.713	17	1.044	69	.838	17	289.6
18	.740	.717		71	.738	.713	18	1.044	70	.855	18	289.8
19	.735	.715		72	.731	.721	19	1.022	71	.871	19	290.0
20	.733	.712		73	.736	.733	20	1.003	72	.882		
21	.738	.709					21	.998	73	.887	I	TPG
22	.742	.706	PRISES LAT. DROITES				22	1.001	74	.888		
23	.748	.702					23	.990	75	.884	1	293.3
24	.753	.704		74	.731	.729	24	.985	76	.878	2	293.4
25	.758	.712		75	.727	.724	25	.980	77	.869	3	293.3
26	.761	.718		76	.728	.725	26	.977	78	.858	4	293.3
27	.764	.725		77	.730	.722	27	.977	79	.844	5	293.3
28	.768	.736		78	.733	.722	28	.977	80	.832		
29	.770	.744		79	.740	.714	29	.978	81	.821		
30	.770	.749		80	.735	.708	30	.978	82	.811		
31	.771	.748		81	.750	.704	31	.979	83	.801		
32	.770	.754		82	.757	.712	32	.981	84	.791		
33	.769	.753		83	.763	.725	33	.982	85	.785		
34	.767	.748		84	.770	.742	34	.983	86	.779		
35	.766	.746		85	.771	.750	35	.984	87	.768		
36	.765	.740		86	.768	.750	36	.985	88	.754		
37	.763	.734		87	.766	.746	37	.982	89	.741		
38	.761	.726		88	.764	.734	38	.974	90	.728		
39	.760	.719		89	.760	.720	39	.958	91	.728		
40	.757	.716		90	.754	.714	40	.936	92	.718		
41	.754	.712		91	.748	.714	41	.912	93	.712		
42	.754	.710		92	.739	.714	42	.885	94	.709		
43	.751	.709		93	.733	.719	43	.859	95	.707		
44	.747	.711		94	.733	.720	44	.829	96	.713		
45	.743	.712		95	.730	.716	45	.800	97	.719		
46	.741	.713		96	.735	.716	46	.771	98	.762		
47	.740	.715					47	.745	99	.821		
48	.736	.716					48	.721	100	.764		
49	.735	.719					49	.702	101	.620		
50	.733	.722					50	.687	102	.457		
51	.732	.721					51	.674	103	.329		
52	.734	.726		PRISES COL			52	.664				
53	.734	.727										
54	.732	.728		.797	1.179			REFERENCE PROFIL				
55	.733	.729		.840	1.243			.730				
56	.733	.728		.900	.902			.732				
57	.734	.720		.951	.827			.729				
58	.733	.702		1.124	.782			.731				

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**********  FICHIER AD282      N0(IT)=  4
21/ 3/85 11H45  M=.722 PI=1.7 TI=120K I=-0.25  (RM T) AD282
DE AD276 4' ITER
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MACH DE REFERENCE= .7302 UINF= 152.100 M/S
TIV=119.4 K PIV= 1595 MB

I	MACH PAROIS HAUT	MACH PAROIS BAS		I	MACH PROFIL EXT	I	MACH PROFIL INT	I	T(K) TPR
1	.731	.723	PRISES DOUBLES	1	.146	53	.652	1	116.4
2	.730	.729		2	.184	54	.652	2	116.1
3	.730	.724	59 .728 .723	3	.290	55	.656	3	115.7
4	.729	.725	60 .734 .729	4	.398	56	.662	4	116.5
5	.726	.727	61 .731 .722	5	.486	57	.668	5	115.8
6	.726	.727		6	.541	58	.676	6	116.0
7	.727	.725	PRISES LAT. GAUCHES	7	.581	59	.685	7	115.9
8	.729	.722		8	.615	60	.695	8	116.8
9	.729	.728	62 .728 .729	9	.646	61	.707	9	117.4
10	.730	.722	63 .726 .731	10	.745	62	.720	10	116.6
11	.728	.729	64 .733 .724	11	.720	63	.732	11	116.1
12	.724	.729	65 .738 .707	12	.760	64	.746	12	116.4
13	.730	.723	66 .759 .712	13	.850	65	.762	13	116.5
14	.730	.722	67 .772 .741	14	.960	66	.778	14	116.6
15	.729	.724	68 .770 .751	15	.996	67	.796	15	116.2
16	.730	.722	69 .764 .737	16	1.040	68	.815	16	118.0
17	.735	.721	70 .760 .714	17	1.046	69	.834	17	116.2
18	.742	.716	71 .740 .713	18	1.045	70	.851	18	116.2
19	.734	.714	72 .732 .725	19	1.025	71	.867	19	119.5
20	.736	.713	73 .736 .731	20	1.004	72	.878		
21	.737	.710		21	1.000	73	.882	I	TPG
22	.742	.707	PRISES LAT. DROITES	22	1.002	74	.884		
23	.746	.701		23	.992	75	.880	1	119.5
24	.750	.703	74 .727 .729	24	.987	76	.875	2	119.4
25	.757	.710	75 .731 .725	25	.982	77	.866	3	118.6
26	.761	.717	76 .728 .724	26	.979	78	.854	4	118.3
27	.765	.724	77 .726 .721	27	.979	79	.841	5	118.1
28	.768	.735	78 .732 .722	28	.979	80	.829		
29	.770	.741	79 .740 .714	29	.981	81	.818		
30	.770	.747	80 .734 .709	30	.982	82	.807		
31	.773	.745	81 .749 .704	31	.982	83	.798		
32	.770	.752	82 .758 .710	32	.985	84	.788		
33	.769	.751	83 .765 .724	33	.987	85	.778		
34	.765	.746	84 .770 .741	34	.989	86	.775		
35	.764	.744	85 .772 .747	35	.990	87	.763		
36	.764	.739	86 .768 .749	36	.993	88	.751		
37	.762	.733	87 .765 .745	37	.990	89	.738		
38	.763	.726	88 .763 .735	38	.982	90	.724		
39	.763	.719	89 .762 .720	39	.965	91	.723		
40	.759	.717	90 .756 .713	40	.944	92	.713		
41	.757	.712	91 .747 .712	41	.920	93	.702		
42	.758	.710	92 .742 .715	42	.894	94	.702		
43	.753	.708	93 .734 .723	43	.867	95	.698		
44	.748	.709	94 .735 .723	44	.838	96	.703		
45	.744	.710	95 .733 .728	45	.808	97	.695		
46	.742	.712	96 .734 .726	46	.778	98	.764		
47	.743	.716		47	.751	99	.818		
48	.741	.719		48	.726	100	.759		
49	.738	.724		49	.703	101	.617		
50	.734	.725		50	.684	102	.454		
51	.733	.725		51	.667	103	.316		
52	.733	.725	PRISES COL	52	.654				
53	.735	.724							
54	.735	.726	.798 1.181		REFERENCE PROFIL				
55	.736	.727	.843 .921		.726				
56	.733	.728	.901 .855		.728				
57	.734	.725	.952 .803		.726				
58	.733	.723	1.129 .760		.727				

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********************************   FICHIER AD283       N0(IT)=  4
22/ 3/85  9H25  M=.724 PI=1.7 TI=300K I=-0.25  (RM  ) AD283
DE AD281 4' ITER
-------------------------------------------------------------------------------
        MACH DE REFERENCE= .7265       UINF=  236.728 M/S
                      TIV=292.0 K       PIV=  1621 MB
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                MACH PAROIS                  *       MACH PROFIL          *    T(K)
                                             *                            *
 I    HAUT     BAS      I    HAUT     BAS    *    I    EXT    I    INT    *    I   TPR
                                             *                            *
 1    .727     .719   * PRISES DOUBLES       *    1   .074    53   .665   *    1  288.6
 2    .724     .721   *                      *    2   .169    54   .662   *    2  287.7
 3    .724     .719   *  59    .723   .719   *    3   .279    55   .665   *    3  288.0
 4    .724     .721   *  60    .731   .724   *    4   .386    56   .670   *    4  287.9
 5    .723     .725   *  61    .729   .720   *    5   .473    57   .675   *    5  287.8
 6    .722     .723   *                      *    6   .531    58   .682   *    6  287.8
 7    .723     .721   * PRISES LAT. GAUCHES  *    7   .571    59   .690   *    7  288.0
 8    .727     .721   *                      *    8   .604    60   .699   *    8  288.5
 9    .729     .726   *  62    .723   .723   *    9   .637    61   .711   *    9  289.3
10    .727     .719   *  63    .725   .725   *   10   .673    62   .724   *   10  289.0
11    .725     .723   *  64    .730   .719   *   11   .709    63   .736   *   11  288.6
12    .722     .724   *  65    .732   .706   *   12   .749    64   .749   *   12  288.4
13    .725     .720   *  66    .748   .709   *   13   .842    65   .764   *   13  288.6
14    .723     .719   *  67    .766   .738   *   14   .933    66   .781   *   14  289.0
15    .726     .720   *  68    .765   .745   *   15   .980    67   .799   *   15  289.2
16    .727     .719   *  69    .760   .733   *   16  1.015    68   .818   *   16  288.9
17    .731     .717   *  70    .753   .714   *   17  1.022    69   .837   *   17  288.7
18    .734     .712   *  71    .733   .709   *   18  1.023    70   .855   *   18  288.9
19    .729     .711   *  72    .730   .721   *   19  1.005    71   .870   *   19  289.0
20    .730     .711   *  73    .734   .728   *   20   .990    72   .881   *
21    .734     .708   *                      *   21   .986    73   .885   *    I   TPG
22    .739     .703   * PRISES LAT. DROITES  *   22   .988    74   .887   *
23    .744     .699   *                      *   23   .978    75   .882   *    1  292.1
24    .746     .703   *  74    .724   .723   *   24   .973    76   .877   *    2  292.1
25    .748     .712   *  75    .724   .720   *   25   .968    77   .867   *    3  292.0
26    .752     .718   *  76    .726   .721   *   26   .965    78   .856   *    4  292.0
27    .756     .724   *  77    .724   .718   *   27   .965    79   .843   *    5  292.0
28    .763     .734   *  78    .729   .718   *   28   .965    80   .830   *
29    .766     .740   *  79    .735   .709   *   29   .967    81   .819   *
30    .766     .745   *  80    .732   .708   *   30   .967    82   .809   *
31    .770     .743   *  81    .746   .701   *   31   .967    83   .800   *
32    .766     .749   *  82    .746   .711   *   32   .970    84   .790   *
33    .765     .749   *  83    .755   .724   *   33   .970    85   .782   *
34    .763     .744   *  84    .765   .738   *   34   .970    86   .777   *
35    .761     .742   *  85    .766   .745   *   35   .971    87   .766   *
36    .761     .738   *  86    .763   .746   *   36   .973    88   .755   *
37    .759     .732   *  87    .761   .742   *   37   .970    89   .742   *
38    .758     .725   *  88    .760   .732   *   38   .961    90   .732   *
39    .758     .720   *  89    .757   .720   *   39   .945    91   .729   *
40    .755     .717   *  90    .751   .714   *   40   .926    92   .721   *
41    .753     .713   *  91    .742   .713   *   41   .902    93   .715   *
42    .752     .711   *  92    .735   .710   *   42   .877    94   .713   *
43    .746     .710   *  93    .729   .717   *   43   .849    95   .712   *
44    .742     .710   *  94    .731   .720   *   44   .820    96   .716   *
45    .738     .709   *  95    .727   .722   *   45   .791    97   .726   *
46    .736     .710   *  96    .733   .722   *   46   .764    98   .770   *
47    .735     .711   *                      *   47   .739    99   .829   *
48    .733     .713   *                      *   48   .718   100   .773   *
49    .733     .716   *                      *   49   .701   101   .627   *
50    .731     .720   *                      *   50   .687   102   .465   *
51    .730     .720   *                      *   51   .677   103   .335   *
52    .730     .721   *      PRISES COL      *   52   .669
53    .730     .722   *                      *
54    .729     .723   *      .794   1.177   *       REFERENCE PROFIL
55    .730     .723   *      .838    .934   *          .725
56    .730     .723   *      .899    .852   *          .726
57    .731     .720   *      .950    .801   *          .726
58    .732     .713   *     1.121    .760   *          .725
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****************************   FICHIER AD284      N0(IT)=  4
22/ 3/85  9H50  M=.727 PI=2.9 TI=300K I=-0.25  (RMP ) AD284
DE AD280 4' ITER
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        MACH DE REFERENCE= .7283      UINF=  238.878 M/S
                          TIV=296.0 K      PIV=  2887 MB
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MACH PAROIS							MACH PROFIL					T(K)	
I	HAUT	BAS		I	HAUT	BAS	I	EXT	I	INT		I	TPR
1	.728	.721	* PRISES DOUBLES				1	.060	53	.656		1	292.3
2	.723	.721	*				2	.176	54	.654		2	290.8
3	.726	.720	*	59	.723	.718	3	.289	55	.658		3	291.1
4	.731	.727	*	60	.733	.726	4	.395	56	.663		4	291.0
5	.732	.732	*	61	.732	.721	5	.484	57	.670		5	290.9
6	.726	.726	*				6	.539	58	.678		6	290.9
7	.723	.720	* PRISES LAT. GAUCHES				7	.579	59	.686		7	291.0
8	.730	.725	*				8	.613	60	.695		8	291.6
9	.734	.733	*	62	.727	.727	9	.645	61	.706		9	292.8
10	.729	.720	*	63	.732	.727	10	.685	62	.722		10	292.5
11	.729	.725	*	64	.731	.724	11	.718	63	.732		11	292.0
12	.727	.728	*	65	.737	.706	12	.758	64	.744		12	291.8
13	.731	.722	*	66	.757	.712	13	.851	65	.760		13	292.1
14	.727	.719	*	67	.768	.737	14	.950	66	.777		14	292.6
15	.727	.721	*	68	.769	.744	15	.992	67	.795		15	293.0
16	.730	.723	*	69	.766	.731	16	1.035	68	.814		16	291.6
17	.733	.721	*	70	.756	.712	17	1.042	69	.832		17	291.8
18	.737	.716	*	71	.736	.713	18	1.041	70	.849		18	291.5
19	.732	.713	*	72	.731	.719	19	1.018	71	.865		19	291.7
20	.737	.711	*	73	.737	.731	20	1.000	72	.875			
21	.741	.708	*				21	.995	73	.879		I	TPG
22	.741	.704	* PRISES LAT. DROITES				22	.999	74	.881			
23	.746	.701	*				23	.987	75	.877		1	296.0
24	.750	.704	*	74	.727	.727	24	.981	76	.872		2	296.0
25	.757	.713	*	75	.725	.721	25	.977	77	.863		3	296.0
26	.759	.719	*	76	.728	.722	26	.974	78	.852		4	296.0
27	.762	.724	*	77	.727	.719	27	.973	79	.839		5	296.0
28	.765	.733	*	78	.731	.721	28	.974	80	.827			
29	.767	.739	*	79	.739	.712	29	.975	81	.817			
30	.767	.744	*	80	.739	.708	30	.975	82	.806			
31	.769	.742	*	81	.747	.704	31	.975	83	.797			
32	.769	.747	*	82	.755	.712	32	.979	84	.788			
33	.769	.747	*	83	.761	.723	33	.979	85	.783			
34	.768	.742	*	84	.766	.737	34	.980	86	.777			
35	.767	.740	*	85	.767	.743	35	.982	87	.765			
36	.767	.735	*	86	.767	.744	36	.983	88	.752			
37	.765	.730	*	87	.768	.741	37	.980	89	.738			
38	.763	.724	*	88	.765	.731	38	.972	90	.726			
39	.763	.719	*	89	.762	.719	39	.957	91	.730			
40	.758	.717	*	90	.753	.713	40	.937	92	.715			
41	.756	.712	*	91	.742	.710	41	.912	93	.705			
42	.754	.710	*	92	.738	.713	42	.886	94	.705			
43	.748	.707	*	93	.734	.720	43	.860	95	.705			
44	.742	.706	*	94	.733	.718	44	.830	96	.709			
45	.739	.707	*	95	.727	.711	45	.801	97	.716			
46	.736	.709	*	96	.736	.711	46	.771	98	.759			
47	.739	.715	*				47	.744	99	.819			
48	.737	.717	*				48	.720	100	.762			
49	.737	.721	*				49	.700	101	.617			
50	.736	.723	*				50	.683	102	.456			
51	.732	.719	*				51	.669	103	.328			
52	.733	.724	*	PRISES COL			52	.658					
53	.732	.725	*										
54	.729	.726	*	.795	1.177		REFERENCE PROFIL						
55	.731	.727	*	.839	1.244		.727						
56	.732	.728	*	.898	1.062		.730						
57	.734	.717	*	.950	.858		.727						
58	.735	.693	*	1.124	.806		.728						

********** FICHIER AD285 N0(IT)= 4
22/ 3/85 11H10 M=.729 PI=2.5 TI=155K I=-0.25 (RMPT) AD285
DE AD282 4' ITER

MACH DE REFERENCE= .7379 UINF= 174.634 M/S
TIV=154.5 K PIV= 2484 MB

MACH PAROIS I	HAUT	BAS	I	HAUT	BAS	MACH PROFIL I	EXT	I	INT	T(K) I	TPR
1	.738	.728	PRISES DOUBLES			1	.079	53	.652	1	151.3
2	.735	.733				2	.184	54	.652	2	150.4
3	.736	.730	59	.733	.727	3	.299	55	.656	3	150.1
4	.736	.734	60	.741	.735	4	.404	56	.662	4	151.0
5	.734	.736	61	.737	.730	5	.495	57	.669	5	150.6
6	.733	.734				6	.546	58	.677	6	150.4
7	.733	.729	PRISES LAT. GAUCHES			7	.587	59	.686	7	150.5
8	.736	.727				8	.624	60	.696	8	151.4
9	.738	.735	62	.734	.737	9	.653	61	.708	9	152.8
10	.738	.728	63	.737	.738	10	.680	62	.723	10	151.4
11	.736	.737	64	.739	.731	11	.731	63	.735	11	150.9
12	.733	.738	65	.744	.712	12	.770	64	.748	12	151.2
13	.738	.731	66	.767	.719	13	.863	65	.763	13	151.3
14	.736	.729	67	.782	.749	14	.950	66	.783	14	151.3
15	.735	.730	68	.785	.754	15	1.011	67	.801	15	151.8
16	.736	.730	69	.779	.737	16	1.062	68	.821	16	151.8
17	.741	.727	70	.766	.720	17	1.070	69	.840	17	150.3
18	.748	.722	71	.747	.720	18	1.073	70	.857	18	150.3
19	.739	.721	72	.738	.729	19	1.069	71	.874	19	152.7
20	.742	.719	73	.745	.740	20	1.016	72	.885		
21	.745	.716				21	1.019	73	.890	I	TPG
22	.754	.710	PRISES LAT. DROITES			22	1.033	74	.892		
23	.760	.706				23	1.013	75	.887	1	154.7
24	.761	.709	74	.734	.736	24	1.007	76	.882	2	155.0
25	.766	.718	75	.736	.730	25	1.002	77	.873	3	154.5
26	.769	.725	76	.737	.731	26	.997	78	.861	4	153.5
27	.773	.733	77	.734	.730	27	.997	79	.847	5	153.4
28	.777	.744	78	.739	.728	28	.998	80	.835		
29	.779	.750	79	.745	.720	29	1.001	81	.824		
30	.780	.756	80	.743	.715	30	1.001	82	.813		
31	.785	.753	81	.761	.707	31	1.002	83	.804		
32	.784	.758	82	.766	.718	32	1.005	84	.794		
33	.784	.756	83	.773	.732	33	1.007	85	.786		
34	.782	.749	84	.778	.749	34	1.009	86	.784		
35	.780	.746	85	.781	.755	35	1.011	87	.772		
36	.780	.740	86	.781	.753	36	1.015	88	.757		
37	.777	.734	87	.781	.747	37	1.011	89	.741		
38	.775	.728	88	.777	.736	38	1.002	90	.729		
39	.773	.724	89	.773	.725	39	.984	91	.728		
40	.768	.723	90	.763	.720	40	.960	92	.726		
41	.765	.718	91	.754	.719	41	.934	93	.710		
42	.765	.716	92	.748	.721	42	.907	94	.707		
43	.761	.715	93	.741	.726	43	.880	95	.703		
44	.755	.715	94	.740	.728	44	.849	96	.709		
45	.751	.716	95	.738	.732	45	.818	97	.703		
46	.749	.718	96	.742	.731	46	.787	98	.767		
47	.749	.723				47	.758	99	.820		
48	.748	.724				48	.732	100	.763		
49	.744	.727				49	.708	101	.615		
50	.740	.728				50	.686	102	.451		
51	.739	.729				51	.668	103	.326		
52	.739	.734	PRISES COL			52	.653				
53	.741	.734									
54	.739	.735	.802	1.183		REFERENCE PROFIL					
55	.742	.735	.848	1.242		.733					
56	.740	.736	.906	.913		.735					
57	.742	.731	.956	.837		.732					
58	.742	.726	1.135	.790		.733					

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******************************   FICHIER AD286      N0(IT)=  4
22/ 3/85 16H10  M=.722 PI=3.3 TI=120K I=-0.25  (RMPT) AD286
DE AD276 4' ITER
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MACH DE REFERENCE= .7279 UINF= 151.476 M/S
TIV=119.1 K PIV= 3272 MB

I	MACH PAROIS HAUT	MACH PAROIS BAS	I	HAUT	BAS	I	MACH PROFIL EXT	I	INT	I	T(K) TPR
1	.729	.720	PRISES DOUBLES			1	.111	53	.646	1	116.7
2	.726	.726				2	.177	54	.644	2	115.5
3	.726	.720	59	.723	.718	3	.290	55	.649	3	115.6
4	.726	.723	60	.733	.728	4	.400	56	.655	4	117.0
5	.723	.724	61	.729	.720	5	.490	57	.662	5	116.6
6	.722	.722				6	.540	58	.670	6	116.6
7	.724	.721	PRISES LAT. GAUCHES			7	.581	59	.678	7	116.5
8	.727	.719				8	.613	60	.688	8	117.6
9	.729	.729	62	.724	.726	9	.640	61	.700	9	119.5
10	.729	.721	63	.729	.731	10	.680	62	.713	10	117.3
11	.725	.728	64	.730	.723	11	.719	63	.726	11	117.1
12	.721	.728	65	.735	.703	12	.752	64	.739	12	117.1
13	.729	.720	66	.755	.711	13	.845	65	.755	13	116.9
14	.728	.718	67	.767	.740	14	.952	66	.771	14	116.6
15	.726	.720	68	.770	.751	15	.987	67	.789	15	116.1
16	.728	.721	69	.765	.734	16	1.027	68	.809	16	117.5
17	.733	.718	70	.755	.713	17	1.034	69	.828	17	116.1
18	.740	.713	71	.736	.710	18	1.034	70	.845	18	116.0
19	.728	.710	72	.730	.720	19	1.015	71	.860	19	117.9
20	.733	.709	73	.732	.730	20	.997	72	.871		
21	.733	.707				21	.992	73	.875	I	TPG
22	.743	.705	PRISES LAT. DROITES			22	.997	74	.877		
23	.748	.701				23	.984	75	.872	1	118.7
24	.748	.702	74	.724	.726	24	.978	76	.868	2	119.0
25	.754	.709	75	.727	.721	25	.974	77	.858	3	119.3
26	.755	.716	76	.728	.724	26	.970	78	.847	4	118.2
27	.760	.722	77	.723	.719	27	.970	79	.835	5	118.4
28	.762	.733	78	.729	.719	28	.970	80	.822		
29	.764	.739	79	.735	.711	29	.972	81	.812		
30	.765	.745	80	.730	.706	30	.972	82	.802		
31	.770	.743	81	.749	.702	31	.972	83	.793		
32	.768	.749	82	.753	.708	32	.976	84	.783		
33	.768	.748	83	.760	.722	33	.977	85	.774		
34	.765	.742	84	.764	.739	34	.978	86	.770		
35	.764	.739	85	.767	.745	35	.981	87	.758		
36	.764	.735	86	.767	.745	36	.983	88	.745		
37	.762	.729	87	.766	.742	37	.981	89	.731		
38	.761	.722	88	.763	.731	38	.974	90	.719		
39	.760	.716	89	.761	.716	39	.960	91	.719		
40	.755	.714	90	.751	.709	40	.939	92	.711		
41	.752	.708	91	.743	.710	41	.915	93	.700		
42	.753	.707	92	.736	.710	42	.891	94	.699		
43	.750	.705	93	.732	.718	43	.865	95	.698		
44	.744	.706	94	.733	.719	44	.836	96	.703		
45	.740	.707	95	.730	.724	45	.807	97	.729		
46	.737	.708	96	.726	.723	46	.778	98	.738		
47	.738	.713				47	.749	99	.822		
48	.738	.714				48	.723	100	.764		
49	.736	.720				49	.699	101	.615		
50	.733	.721				50	.678	102	.455		
51	.732	.721				51	.659	103	.318		
52	.731	.725	PRISES COL			52	.655				
53	.733	.724									
54	.732	.727	.788	1.175		REFERENCE PROFIL					
55	.734	.728	.837	.937		.722					
56	.731	.730	.897	.861		.724					
57	.730	.723	.949	.808		.721					
58	.727	.719	1.133	.760		.722					

********** FICHIER AD289 N0(IT)= 4
25/ 3/85 15H25 M=.722 PI=2.5 TI=120K I=-0.25 (RMPT) AD289
DE AD282 4' ITER

MACH DE REFERENCE= .7313 UINF= 152.434 M/S
TIV=119.6 K PIV= 2484 MB

I	MACH PAROIS HAUT	BAS	I	HAUT	BAS	I	MACH PROFIL EXT	I	INT	I	T(K) TPR
1	.733	.724	PRISES DOUBLES			1	.114	53	.650	1	116.7
2	.731	.730				2	.179	54	.649	2	115.9
3	.731	.724	59	.728	.723	3	.288	55	.653	3	115.8
4	.730	.725	60	.735	.731	4	.402	56	.660	4	116.9
5	.727	.727	61	.732	.724	5	.488	57	.666	5	116.4
6	.727	.727				6	.543	58	.673	6	116.2
7	.728	.726	PRISES LAT. GAUCHES			7	.581	59	.682	7	116.4
8	.730	.723				8	.617	60	.692	8	117.2
9	.730	.731	62	.729	.729	9	.647	61	.704	9	118.6
10	.732	.724	63	.731	.734	10	.680	62	.717	10	117.1
11	.729	.731	64	.733	.726	11	.724	63	.730	11	116.6
12	.724	.731	65	.739	.708	12	.762	64	.743	12	116.9
13	.731	.723	66	.762	.712	13	.853	65	.758	13	116.9
14	.730	.722	67	.776	.740	14	.960	66	.776	14	116.7
15	.728	.724	68	.773	.750	15	1.000	67	.794	15	116.2
16	.729	.723	69	.767	.735	16	1.042	68	.813	16	117.5
17	.736	.722	70	.762	.713	17	1.049	69	.832	17	116.4
18	.745	.717	71	.741	.713	18	1.051	70	.850	18	116.5
19	.735	.715	72	.732	.724	19	1.030	71	.865	19	118.6
20	.738	.714	73	.734	.734	20	1.010	72	.875		
21	.737	.711				21	1.005	73	.879	I	TPG
22	.744	.707	PRISES LAT. DROITES			22	1.008	74	.882		
23	.749	.702				23	.997	75	.877	1	119.2
24	.752	.703	74	.729	.729	24	.990	76	.871	2	118.9
25	.760	.710	75	.731	.726	25	.986	77	.862	3	119.6
26	.764	.717	76	.730	.727	26	.982	78	.852	4	119.2
27	.769	.723	77	.726	.723	27	.981	79	.838	5	118.7
28	.772	.734	78	.733	.723	28	.982	80	.825		
29	.773	.741	79	.741	.715	29	.984	81	.815		
30	.773	.746	80	.735	.710	30	.985	82	.805		
31	.777	.745	81	.751	.703	31	.983	83	.796		
32	.773	.751	82	.760	.710	32	.987	84	.786		
33	.771	.750	83	.768	.723	33	.987	85	.780		
34	.768	.745	84	.772	.740	34	.989	86	.773		
35	.766	.742	85	.773	.747	35	.992	87	.762		
36	.766	.737	86	.770	.747	36	.994	88	.748		
37	.765	.731	87	.767	.744	37	.991	89	.734		
38	.765	.723	88	.765	.733	38	.982	90	.722		
39	.765	.718	89	.766	.719	39	.967	91	.720		
40	.761	.716	90	.758	.714	40	.945	92	.717		
41	.759	.711	91	.748	.715	41	.920	93	.700		
42	.759	.710	92	.742	.714	42	.894	94	.701		
43	.755	.710	93	.735	.721	43	.868	95	.695		
44	.749	.711	94	.735	.723	44	.838	96	.703		
45	.745	.713	95	.734	.723	45	.809	97	.723		
46	.743	.714	96	.730	.723	46	.779	98	.742		
47	.743	.716				47	.751	99	.815		
48	.742	.716				48	.726	100	.754		
49	.738	.721				49	.702	101	.605		
50	.734	.724				50	.682	102	.443		
51	.733	.724				51	.665	103	.310		
52	.734	.728	PRISES COL			52	.651				
53	.737	.728									
54	.736	.730		.793	1.179		REFERENCE PROFIL				
55	.738	.730		.840	.973		.726				
56	.734	.730		.899	.865		.728				
57	.733	.723		.950	.810		.726				
58	.729	.716		1.133	.768		.727				

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******************************   FICHIER AD292      N0(IT)=  4
25/ 3/85 17H45  M=.754 PI=2.9 TI=300K I=+0.25  (RMP ) AD292
DE AD291 5' ITER
--------------------------------------------------------------------------------
        MACH DE REFERENCE= .7594      UINF=  248.638 M/S
                  TIV=297.4 K          PIV=  2896 MB
          ********************************************************************

                MACH PAROIS                    *       MACH PROFIL        *     T(K)
                                               *                          *
 I    HAUT     BAS      I   HAUT     BAS       *    I   EXT     I   INT   *   I   TPR
                                               *                          *
 1    .759    .750   * PRISES DOUBLES          *    1   .042    53  .685   *   1  293.2
 2    .753    .749   *                         *    2   .213    54  .682   *   2  291.2
 3    .756    .748   *  59    .750   .744      *    3   .331    55  .685   *   3  290.8
 4    .761    .756   *  60    .762   .755      *    4   .442    56  .690   *   4  291.0
 5    .761    .759   *  61    .765   .753      *    5   .534    57  .697   *   5  291.2
 6    .754    .752   *                         *    6   .586    58  .705   *   6  291.1
 7    .750    .746   * PRISES LAT. GAUCHES     *    7   .626    59  .713   *   7  291.4
 8    .758    .753   *                         *    8   .659    60  .723   *   8  292.2
 9    .761    .762   *  62    .757   .755      *    9   .690    61  .735   *   9  293.5
10    .758    .748   *  63    .759   .757      *   10   .731    62  .760   *  10  293.3
11    .759    .753   *  64    .763   .751      *   11   .764    63  .763   *  11  292.7
12    .758    .757   *  65    .770   .731      *   12   .805    64  .775   *  12  292.7
13    .763    .750   *  66    .799   .732      *   13   .904    65  .792   *  13  293.0
14    .758    .747   *  67    .815   .763      *   14  1.026    66  .810   *  14  293.6
15    .758    .749   *  68    .816   .778      *   15  1.061    67  .829   *  15  293.9
16    .761    .751   *  69    .809   .764      *   16  1.116    68  .850   *  16  291.2
17    .764    .748   *  70    .792   .737      *   17  1.141    69  .871   *  17  291.4
18    .768    .742   *  71    .772   .741      *   18  1.154    70  .890   *  18  291.1
19    .765    .740   *  72    .761   .748      *   19  1.159    71  .908   *  19  291.0
20    .769    .738   *  73    .770   .764      *   20  1.159    72  .920   *
21    .774    .733   *                         *   21  1.160    73  .924   *   I   TPG
22    .776    .728   * PRISES LAT. DROITES     *   22  1.173    74  .925   *
23    .784    .723   *                         *   23  1.164    75  .919   *   1  297.4
24    .790    .724   *  74    .758   .755      *   24  1.163    76  .910   *   2  297.4
25    .799    .733   *  75    .752   .748      *   25  1.158    77  .898   *   3  297.4
26    .804    .738   *  76    .757   .751      *   26  1.154    78  .884   *   4  297.3
27    .808    .744   *  77    .758   .747      *   27  1.151    79  .868   *   5  297.3
28    .812    .756   *  78    .762   .749      *   28  1.140    80  .853   *
29    .814    .765   *  79    .771   .738      *   29  1.045    81  .840   *
30    .814    .772   *  80    .771   .732      *   30  1.000    82  .828   *
31    .817    .772   *  81    .786   .727      *   31  1.009    83  .816   *
32    .815    .780   *  82    .798   .732      *   32  1.027    84  .804   *
33    .814    .780   *  83    .807   .744      *   33  1.042    85  .797   *
34    .812    .776   *  84    .813   .763      *   34  1.055    86  .789   *
35    .810    .774   *  85    .815   .774      *   35  1.067    87  .776   *
36    .809    .769   *  86    .813   .778      *   36  1.076    88  .758   *
37    .805    .761   *  87    .812   .776      *   37  1.056    89  .741   *
38    .803    .752   *  88    .808   .763      *   38  1.030    90  .722   *
39    .802    .744   *  89    .800   .745      *   39  1.005    91  .721   *
40    .795    .740   *  90    .790   .738      *   40   .977    92  .711   *
41    .791    .736   *  91    .779   .739      *   41   .947    93  .703   *
42    .790    .733   *  92    .773   .742      *   42   .917    94  .699   *
43    .784    .732   *  93    .765   .748      *   43   .887    95  .694   *
44    .779    .734   *  94    .764   .747      *   44   .855    96  .696   *
45    .775    .735   *  95    .761   .743      *   45   .824    97  .695   *
46    .773    .738   *  96    .769   .743      *   46   .794    98  .729   *
47    .774    .743   *                         *   47   .768    99  .777   *
48    .770    .744   *                         *   48   .746   100  .714   *
49    .768    .748   *                         *   49   .728   101  .573   *
50    .765    .751   *                         *   50   .713   102  .412   *
51    .762    .748   *                         *   51   .701   103  .283   *
52    .765    .756   *       PRISES COL        *   52   .691
53    .765    .758   *                         *
54    .762    .759   *       .823   1.199      *       REFERENCE PROFIL
55    .764    .760   *       .864   1.234      *          .755
56    .766    .760   *       .919   1.224      *          .757
57    .767    .748   *       .967    .883      *          .755
58    .767    .723   *      1.139    .837      *          .756
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********************************   FICHIER AD294      N0(IT)=  4
26/ 3/85 11H50  M=.754 PI=3.3 TI=300K I=+0.25  (RMP ) AD294
DE AD292 4' ITER
--------------------------------------------------------------------------------
        MACH DE REFERENCE= .7598       UINF=  248.336 M/S
                          TIV=296.4 K      PIV=  3290 MB
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MACH PAROIS I	HAUT	BAS		I	HAUT	BAS	MACH PROFIL I	EXT	I	INT	T(K) I	TPR
1	.759	.748	PRISES DOUBLES				1	.039	53	.682	1	292.3
2	.752	.748					2	.215	54	.680	2	290.2
3	.755	.748		59	.751	.743	3	.332	55	.682	3	289.9
4	.761	.759		60	.761	.754	4	.443	56	.688	4	289.9
5	.762	.763		61	.766	.756	5	.535	57	.694	5	290.4
6	.754	.754					6	.587	58	.702	6	290.2
7	.751	.745	PRISES LAT. GAUCHES				7	.627	59	.710	7	290.5
8	.759	.750					8	.659	60	.720	8	291.4
9	.763	.761		62	.756	.758	9	.690	61	.732	9	292.7
10	.757	.747		63	.760	.756	10	.732	62	.740	10	292.4
11	.756	.755		64	.763	.749	11	.765	63	.760	11	292.0
12	.755	.761		65	.771	.730	12	.806	64	.772	12	291.7
13	.760	.753		66	.795	.734	13	.903	65	.789	13	292.1
14	.756	.748		67	.817	.765	14	1.029	66	.808	14	292.6
15	.757	.748		68	.816	.775	15	1.062	67	.827	15	292.7
16	.762	.750		69	.809	.760	16	1.117	68	.848	16	291.5
17	.765	.747		70	.797	.739	17	1.143	69	.869	17	290.9
18	.769	.741		71	.770	.740	18	1.155	70	.889	18	291.3
19	.764	.739		72	.763	.749	19	1.160	71	.906	19	291.6
20	.769	.736		73	.766	.761	20	1.161	72	.918		
21	.775	.732					21	1.162	73	.922	I	TPG
22	.778	.728	PRISES LAT. DROITES				22	1.175	74	.923		
23	.785	.724					23	1.165	75	.917	1	296.4
24	.788	.725		74	.757	.757	24	1.164	76	.909	2	296.4
25	.795	.734		75	.753	.746	25	1.160	77	.897	3	296.4
26	.800	.740		76	.756	.750	26	1.155	78	.883	4	296.3
27	.807	.746		77	.755	.749	27	1.153	79	.867	5	296.3
28	.812	.759		78	.764	.747	28	1.145	80	.853		
29	.817	.767		79	.770	.737	29	1.069	81	.840		
30	.816	.774		80	.772	.731	30	1.000	82	.828		
31	.820	.772		81	.787	.727	31	1.007	83	.816		
32	.818	.779		82	.794	.733	32	1.025	84	.804		
33	.817	.778		83	.804	.746	33	1.040	85	.797		
34	.813	.772		84	.814	.765	34	1.055	86	.789		
35	.811	.769		85	.817	.774	35	1.068	87	.775		
36	.810	.764		86	.813	.775	36	1.081	88	.758		
37	.807	.757		87	.811	.770	37	1.071	89	.740		
38	.806	.749		88	.808	.759	38	1.032	90	.723		
39	.806	.743		89	.805	.745	39	1.008	91	.722		
40	.801	.741		90	.795	.740	40	.980	92	.712		
41	.798	.737		91	.778	.741	41	.950	93	.704		
42	.795	.736		92	.771	.741	42	.921	94	.699		
43	.786	.735		93	.765	.747	43	.891	95	.694		
44	.778	.737		94	.765	.748	44	.858	96	.697		
45	.772	.738		95	.761	.763	45	.828	97	.695		
46	.770	.739		96	.765	.762	46	.797	98	.728		
47	.772	.742					47	.769	99	.777		
48	.770	.743					48	.746	100	.714		
49	.769	.747					49	.727	101	.574		
50	.767	.751					50	.711	102	.412		
51	.764	.750					51	.698	103	.283		
52	.767	.759	PRISES COL				52	.687				
53	.765	.756			.817	1.195	REFERENCE PROFIL					
54	.761	.755			.859	1.236		.755				
55	.762	.757			.915	1.006		.757				
56	.762	.760			.964	.863		.754				
57	.763	.759			1.136	.822		.756				
58	.762	.761										

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**********************************   FICHIER AD295        N0(IT)=  4
26/ 3/85 14H35  M=.754 PI=1.7 TI=120K I=+0.25  (RM T) AD295
DE AD294 4' ITER
-------------------------------------------------------------------------------
        MACH DE REFERENCE= .7594       UINF=  157.630 M/S
                          TIV=119.5 K      PIV=  1645 MB
 ***************************************************************************
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MACH PAROIS							MACH PROFIL					T(K)	
I	HAUT	BAS		I	HAUT	BAS	I	EXT	I	INT		I	TPR
1	.764	.752		PRISES DOUBLES			1	.093	53	.676		1	116.4
2	.762	.759					2	.215	54	.674		2	115.9
3	.762	.755		59	.759	.754	3	.333	55	.678		3	115.1
4	.759	.755		60	.767	.759	4	.445	56	.684		4	115.9
5	.756	.757		61	.760	.751	5	.538	57	.690		5	115.5
6	.757	.758					6	.587	58	.699		6	115.7
7	.760	.757		PRISES LAT. GAUCHES			7	.628	59	.707		7	115.7
8	.761	.754					8	.660	60	.718		8	116.5
9	.761	.759		62	.759	.759	9	.690	61	.731		9	117.3
10	.764	.752		63	.757	.762	10	.740	62	.740		10	116.5
11	.761	.758		64	.762	.752	11	.765	63	.758		11	116.0
12	.756	.757		65	.770	.731	12	.806	64	.772		12	116.4
13	.762	.751		66	.799	.731	13	.903	65	.798		13	116.5
14	.760	.751		67	.815	.765	14	1.046	66	.808		14	116.5
15	.759	.753		68	.817	.778	15	1.059	67	.828		15	116.1
16	.759	.752		69	.809	.763	16	1.115	68	.849		16	117.8
17	.763	.749		70	.793	.739	17	1.141	69	.869		17	115.7
18	.772	.741		71	.768	.737	18	1.153	70	.889		18	116.1
19	.764	.738		72	.763	.751	19	1.156	71	.906		19	119.2
20	.767	.739		73	.762	.761	20	1.156	72	.918			
21	.769	.734					21	1.157	73	.922		I	TPG
22	.778	.725		PRISES LAT. DROITES			22	1.170	74	.924			
23	.785	.718					23	1.164	75	.917		1	119.5
24	.790	.720		74	.759	.759	24	1.163	76	.909		2	119.4
25	.797	.729		75	.763	.757	25	1.161	77	.896		3	119.2
26	.802	.737		76	.762	.756	26	1.158	78	.883		4	118.9
27	.807	.745		77	.758	.750	27	1.156	79	.866		5	118.2
28	.812	.758		78	.761	.750	28	1.153	80	.851			
29	.815	.768		79	.770	.737	29	1.148	81	.837			
30	.815	.774		80	.767	.733	30	1.069	82	.825			
31	.822	.775		81	.787	.721	31	.993	83	.814			
32	.818	.782		82	.797	.729	32	1.005	84	.802			
33	.820	.781		83	.806	.745	33	1.022	85	.789			
34	.815	.774		84	.812	.765	34	1.042	86	.784			
35	.812	.771		85	.815	.774	35	1.060	87	.770			
36	.811	.767		86	.814	.775	36	1.079	88	.754			
37	.807	.759		87	.812	.772	37	1.090	89	.734			
38	.804	.751		88	.807	.761	38	1.058	90	.720			
39	.801	.744		89	.801	.745	39	1.009	91	.715			
40	.795	.741		90	.790	.738	40	.983	92	.711			
41	.792	.736		91	.778	.737	41	.954	93	.694			
42	.791	.734		92	.770	.740	42	.924	94	.689			
43	.786	.732		93	.763	.747	43	.894	95	.685			
44	.778	.733		94	.765	.750	44	.862	96	.696			
45	.773	.734		95	.761	.757	45	.831	97	.698			
46	.771	.736		96	.761	.756	46	.800	98	.724			
47	.770	.741					47	.772	99	.776			
48	.770	.743					48	.747	100	.711			
49	.767	.748					49	.725	101	.569			
50	.764	.750					50	.707	102	.408			
51	.764	.752					51	.692	103	.277			
52	.762	.754		PRISES COL			52	.679					
53	.764	.754											
54	.763	.756		.825	1.200		REFERENCE PROFIL						
55	.765	.756		.868	.879		.758						
56	.761	.756		.922	.837		.758						
57	.760	.754		.968	.804		.757						
58	.758	.754		1.144	.769		.758						

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******************************   FICHIER AD296        N0(IT)=  4
26/ 3/85 17H20  M=.753 PI=3.0 TI=120K I=+0.25  (RMPT) AD296
DE AD295 4' ITER
------------------------------------------------------------------
     MACH DE REFERENCE= .7603      UINF=  157.390 M/S
                   TIV=119.7 K      PIV=  2982 MB
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MACH PAROIS

I	HAUT	BAS
1	.763	.751
2	.759	.756
3	.759	.751
4	.759	.754
5	.755	.757
6	.753	.754
7	.755	.752
8	.760	.752
9	.762	.762
10	.762	.752
11	.758	.760
12	.754	.761
13	.762	.752
14	.760	.749
15	.758	.751
16	.761	.752
17	.766	.748
18	.775	.741
19	.763	.739
20	.768	.739
21	.769	.735
22	.780	.728
23	.787	.722
24	.790	.723
25	.800	.732
26	.804	.739
27	.811	.746
28	.815	.758
29	.818	.765
30	.817	.771
31	.824	.770
32	.820	.777
33	.820	.776
34	.814	.770
35	.811	.767
36	.810	.762
37	.808	.756
38	.806	.749
39	.805	.744
40	.799	.742
41	.796	.736
42	.796	.735
43	.789	.733
44	.780	.733
45	.775	.735
46	.772	.736
47	.772	.741
48	.770	.743
49	.768	.750
50	.765	.752
51	.764	.752
52	.766	.758
53	.768	.758
54	.766	.760
55	.769	.761
56	.766	.763
57	.765	.759
58	.762	.759

PRISES DOUBLES

I	HAUT	BAS
59	.754	.748
60	.765	.760
61	.764	.754

PRISES LAT. GAUCHES

I	HAUT	BAS
62	.756	.758
63	.759	.763
64	.765	.753
65	.772	.732
66	.802	.734
67	.820	.765
68	.820	.776
69	.811	.760
70	.799	.739
71	.770	.739
72	.764	.752
73	.767	.765

PRISES LAT. DROITES

I	HAUT	BAS
74	.757	.758
75	.758	.753
76	.761	.756
77	.756	.750
78	.763	.750
79	.769	.739
80	.768	.734
81	.789	.725
82	.800	.732
83	.810	.746
84	.816	.765
85	.819	.774
86	.817	.774
87	.813	.771
88	.808	.759
89	.806	.745
90	.795	.739
91	.780	.739
92	.771	.739
93	.764	.749
94	.765	.750
95	.764	.762
96	.762	.751

PRISES COL

.817	1.195
.861	.974
.916	.869
.964	.827
1.144	.789

MACH PROFIL

I	EXT	I	INT
1	.155	53	.673
2	.215	54	.672
3	.333	55	.676
4	.447	56	.682
5	.537	57	.688
6	.587	58	.696
7	.627	59	.706
8	.660	60	.716
9	.691	61	.728
10	.760	62	.745
11	.767	63	.756
12	.801	64	.769
13	.901	65	.785
14	1.036	66	.804
15	1.063	67	.824
16	1.117	68	.844
17	1.144	69	.865
18	1.154	70	.884
19	1.161	71	.901
20	1.164	72	.913
21	1.165	73	.917
22	1.178	74	.918
23	1.169	75	.912
24	1.170	76	.904
25	1.167	77	.892
26	1.163	78	.879
27	1.162	79	.863
28	1.160	80	.848
29	1.160	81	.836
30	1.148	82	.824
31	1.030	83	.813
32	.994	84	.801
33	1.007	85	.790
34	1.025	86	.783
35	1.046	87	.769
36	1.066	88	.752
37	1.083	89	.735
38	1.065	90	.720
39	1.012	91	.716
40	.984	92	.706
41	.955	93	.692
42	.925	94	.691
43	.895	95	.685
44	.864	96	.687
45	.833	97	.701
46	.802	98	.712
47	.773	99	.771
48	.747	100	.711
49	.724	101	.562
50	.705	102	.408
51	.689	103	.265
52	.675		

REFERENCE PROFIL

.753
.756
.753
.755

T(K)

I	TPR
1	116.5
2	115.2
3	114.9
4	116.2
5	116.4
6	116.4
7	116.3
8	117.6
9	119.4
10	117.2
11	116.6
12	117.0
13	116.9
14	116.6
15	115.8
16	117.2
17	115.5
18	115.7
19	117.9

I	TPG
1	119.1
2	118.8
3	119.9
4	118.8
5	118.5

```
******************************   FICHIER AD297      N0(IT)=  4
27/ 3/85  9H30  M=.755 PI=1.7 TI=TA0K I=+0.25  (RM  ) AD297
DE AD293 4' ITER
--------------------------------------------------------------------------------
        MACH DE REFERENCE= .7567      UINF=  245.643 M/S
                     TIV=292.2 K       PIV=  1674 MB
```

MACH PAROIS I	HAUT	BAS	I	HAUT	BAS
1	.760	.750	PRISES DOUBLES		
2	.759	.754			
3	.759	.751	59	.756	.752
4	.758	.751	60	.762	.756
5	.757	.754	61	.759	.751
6	.756	.754			
7	.755	.753	PRISES LAT. GAUCHES		
8	.757	.754			
9	.757	.758	62	.757	.753
10	.758	.750	63	.754	.757
11	.758	.752	64	.759	.748
12	.755	.752	65	.767	.730
13	.759	.748	66	.790	.730
14	.756	.748	67	.811	.766
15	.757	.750	68	.808	.777
16	.757	.748	69	.800	.762
17	.759	.746	70	.788	.739
18	.764	.741	71	.769	.740
19	.761	.738	72	.761	.748
20	.764	.735	73	.759	.761
21	.768	.732			
22	.772	.727	PRISES LAT. DROITES		
23	.778	.723			
24	.784	.724	74	.758	.753
25	.790	.733	75	.757	.753
26	.796	.740	76	.757	.752
27	.801	.748	77	.756	.747
28	.808	.761	78	.758	.747
29	.811	.770	79	.766	.736
30	.810	.776	80	.767	.731
31	.813	.775	81	.780	.725
32	.810	.782	82	.787	.732
33	.811	.781	83	.799	.747
34	.805	.775	84	.810	.766
35	.802	.772	85	.811	.776
36	.802	.767	86	.806	.778
37	.799	.760	87	.803	.772
38	.797	.753	88	.800	.760
39	.796	.746	89	.795	.747
40	.792	.742	90	.787	.739
41	.788	.738	91	.774	.736
42	.787	.736	92	.770	.741
43	.780	.733	93	.763	.745
44	.773	.733	94	.763	.747
45	.770	.733	95	.760	.760
46	.769	.736	96	.758	.760
47	.770	.741			
48	.769	.744			
49	.766	.745			
50	.762	.746			
51	.761	.748			
52	.761	.752	PRISES COL		
53	.763	.754			
54	.762	.756	.822	1.199	
55	.762	.755	.863	.888	
56	.758	.755	.918	.845	
57	.758	.756	.966	.810	
59	.753	.759	1.135	.776	

MACH PROFIL I	EXT	I	INT
1	.068	53	.695
2	.210	54	.692
3	.322	55	.693
4	.432	56	.697
5	.522	57	.703
6	.577	58	.710
7	.617	59	.718
8	.649	60	.728
9	.682	61	.739
10	.757	62	.755
11	.755	63	.767
12	.796	64	.780
13	.895	65	.796
14	1.005	66	.815
15	1.050	67	.834
16	1.101	68	.855
17	1.126	69	.876
18	1.136	70	.896
19	1.143	71	.914
20	1.144	72	.927
21	1.142	73	.931
22	1.148	74	.933
23	1.142	75	.926
24	1.137	76	.917
25	1.130	77	.905
26	1.099	78	.890
27	1.009	79	.874
28	1.008	80	.858
29	1.020	81	.845
30	1.032	82	.833
31	1.041	83	.821
32	1.052	84	.808
33	1.055	85	.799
34	1.053	86	.792
35	1.046	87	.779
36	1.047	88	.764
37	1.033	89	.747
38	1.015	90	.735
39	.991	91	.730
40	.964	92	.721
41	.935	93	.713
42	.905	94	.709
43	.875	95	.705
44	.843	96	.707
45	.813	97	.708
46	.786	98	.745
47	.763	99	.794
48	.744	100	.732
49	.731	101	.589
50	.720	102	.429
51	.711	103	.298
52	.703		

T(K) I	TPR
1	288.0
2	286.7
3	286.7
4	287.0
5	286.8
6	286.8
7	287.1
8	287.8
9	288.8
10	288.5
11	288.0
12	287.9
13	288.2
14	288.5
15	288.6
16	287.6
17	287.3
18	287.4
19	287.7

I	TPG
1	292.2
2	292.2
3	292.2
4	292.1
5	292.1

REFERENCE PROFIL
.758
.757
.757
.757

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********************************   FICHIER AD298      N0(IT)=  4
27/ 3/85 10H 5  M=.755 PI=2.0 TI=155K I=+0.25  (RMPT) AD298
DE AD297 4' ITER
--------------------------------------------------------------------------------
        MACH DE REFERENCE= .7595      UINF=  179.120 M/S
                          TIV=154.3 K      PIV=  1991 MB
 ***************************************************************************

                MACH PAROIS                  *       MACH PROFIL          *    T(K)
                                             *                            *
  I    HAUT     BAS      I    HAUT     BAS   *    I    EXT     I    INT    *   I   TPR
                                             *                            *
  1    .764     .752  * PRISES DOUBLES       *    1    .082    53   .675   *   1  151.1
  2    .761     .758  *                      *    2    .226    54   .674   *   2  150.1
  3    .760     .753  *  59   .758   .753     *    3    .338    55   .678   *   3  149.5
  4    .758     .755  *  60   .766   .759     *    4    .449    56   .683   *   4  150.3
  5    .755     .758  *  61   .761   .750     *    5    .542    57   .690   *   5  150.2
  6    .756     .757  *                      *    6    .590    58   .698   *   6  150.2
  7    .758     .756  * PRISES LAT. GAUCHES   *    7    .631    59   .707   *   7  150.2
  8    .761     .753  *                      *    8    .663    60   .717   *   8  151.2
  9    .762     .760  *  62   .758   .759     *    9    .693    61   .729   *   9  152.5
 10    .763     .751  *  63   .760   .762     *   10    .742    62   .740   *  10  151.3
 11    .760     .757  *  64   .762   .751     *   11    .768    63   .757   *  11  150.9
 12    .756     .757  *  65   .773   .731     *   12    .809    64   .771   *  12  151.2
 13    .762     .750  *  66   .800   .730     *   13    .905    65   .788   *  13  151.2
 14    .761     .749  *  67   .817   .760     *   14   1.042    66   .807   *  14  151.3
 15    .761     .751  *  68   .817   .775     *   15   1.059    67   .826   *  15  151.0
 16    .761     .750  *  69   .809   .762     *   16   1.120    68   .847   *  16  152.2
 17    .763     .748  *  70   .797   .736     *   17   1.145    69   .867   *  17  149.6
 18    .768     .742  *  71   .772   .740     *   18   1.156    70   .886   *  18  149.8
 19    .763     .740  *  72   .761   .750     *   19   1.159    71   .904   *  19  153.4
 20    .769     .738  *  73   .765   .761     *   20   1.160    72   .916   *
 21    .771     .734  *                      *   21   1.162    73   .920   *   I   TPG
 22    .777     .729  * PRISES LAT. DROITES   *   22   1.178    74   .920   *
 23    .784     .724  *                      *   23   1.166    75   .913   *   1  154.3
 24    .790     .724  *  74   .757   .759     *   24   1.166    76   .906   *   2  154.6
 25    .799     .730  *  75   .761   .756     *   25   1.163    77   .894   *   3  153.8
 26    .805     .736  *  76   .761   .755     *   26   1.159    78   .880   *   4  153.3
 27    .810     .742  *  77   .758   .749     *   27   1.158    79   .864   *   5  153.3
 28    .814     .753  *  78   .761   .749     *   28   1.155    80   .849   *
 29    .816     .761  *  79   .768   .739     *   29   1.151    81   .836   *
 30    .815     .768  *  80   .771   .734     *   30   1.086    82   .824   *
 31    .821     .769  *  81   .785   .725     *   31    .997    83   .813   *
 32    .818     .777  *  82   .799   .730     *   32   1.004    84   .801   *
 33    .820     .778  *  83   .809   .742     *   33   1.021    85   .790   *
 34    .813     .773  *  84   .814   .760     *   34   1.040    86   .787   *
 35    .811     .771  *  85   .816   .770     *   35   1.058    87   .773   *
 36    .810     .767  *  86   .813   .774     *   36   1.079    88   .756   *
 37    .807     .759  *  87   .811   .772     *   37   1.092    89   .737   *
 38    .806     .750  *  88   .808   .760     *   38   1.070    90   .723   *
 39    .805     .742  *  89   .805   .744     *   39   1.011    91   .718   *
 40    .800     .739  *  90   .795   .737     *   40    .986    92   .715   *
 41    .796     .734  *  91   .781   .739     *   41    .956    93   .697   *
 42    .795     .732  *  92   .773   .741     *   42    .927    94   .694   *
 43    .788     .733  *  93   .763   .747     *   43    .898    95   .692   *
 44    .781     .735  *  94   .764   .749     *   44    .865    96   .695   *
 45    .776     .737  *  95   .762   .762     *   45    .833    97   .699   *
 46    .773     .739  *  96   .763   .761     *   46    .802    98   .728   *
 47    .773     .743  *                      *   47    .774    99   .774   *
 48    .772     .744  *                      *   48    .748   100   .713   *
 49    .767     .747  *                      *   49    .726   101   .573   *
 50    .763     .748  *                      *   50    .707   102   .412   *
 51    .762     .750  *                      *   51    .692   103   .286   *
 52    .763     .754  *      PRISES COL      *   52    .679
 53    .766     .754  *                      *
 54    .764     .755  *      .824  1.199     *       REFERENCE PROFIL
 55    .765     .757  *      .867   .881     *          .757
 56    .763     .758  *      .921   .841     *          .758
 57    .762     .758  *      .968   .805     *          .757
 58    .761     .763  *     1.144   .769     *          .758
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****************************   FICHIER AD299      N0(IT)=  4
27/ 3/85 12H15 M=.754  PI=3    TI=155K I=+0.25  (RMPT)  AD299
DE  AD298  4ITER
```

MACH DE REFERENCE= .7589 UINF= 179.190 M/S
TIV=154.7 K PIV= 2983 MB

MACH PAROIS						MACH PROFIL					T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR	
1	.761	.750	PRISES DOUBLES			1	.070	53	.668	1	150.3	
2	.756	.754				2	.230	54	.666	2	149.0	
3	.758	.749	59	.755	.747	3	.345	55	.671	3	148.4	
4	.761	.755	60	.763	.759	4	.457	56	.678	4	149.5	
5	.759	.757	61	.764	.754	5	.551	57	.684	5	149.5	
6	.755	.753				6	.593	58	.692	6	149.6	
7	.754	.749	PRISES LAT. GAUCHES			7	.633	59	.702	7	149.6	
8	.759	.752				8	.668	60	.712	8	150.9	
9	.762	.763	62	.757	.758	9	.695	61	.724	9	152.5	
10	.759	.751	63	.757	.762	10	.750	62	.738	10	150.7	
11	.757	.759	64	.765	.754	11	.773	63	.752	11	150.2	
12	.754	.761	65	.773	.728	12	.818	64	.765	12	150.3	
13	.762	.752	66	.798	.733	13	.909	65	.782	13	150.5	
14	.760	.749	67	.824	.762	14	1.040	66	.800	14	150.4	
15	.759	.751	68	.819	.772	15	1.067	67	.820	15	150.1	
16	.762	.752	69	.808	.757	16	1.124	68	.841	16	151.5	
17	.766	.749	70	.796	.737	17	1.152	69	.861	17	149.1	
18	.773	.742	71	.773	.738	18	1.161	70	.880	18	149.4	
19	.765	.738	72	.761	.751	19	1.164	71	.897	19	152.5	
20	.771	.735	73	.767	.762	20	1.165	72	.909			
21	.771	.731				21	1.167	73	.913	I	TPG	
22	.779	.727	PRISES LAT. DROITES			22	1.188	74	.914			
23	.784	.723				23	1.171	75	.907	1	154.6	
24	.787	.724	74	.758	.756	24	1.171	76	.900	2	154.8	
25	.796	.732	75	.758	.750	25	1.168	77	.889	3	154.0	
26	.802	.738	76	.758	.755	26	1.163	78	.875	4	153.3	
27	.811	.744	77	.756	.750	27	1.163	79	.860	5	152.9	
28	.818	.756	78	.764	.750	28	1.160	80	.845			
29	.823	.763	79	.771	.738	29	1.158	81	.833			
30	.822	.769	80	.770	.730	30	1.122	82	.821			
31	.827	.767	81	.786	.725	31	.994	83	.810			
32	.821	.774	82	.796	.731	32	.999	84	.798			
33	.820	.773	83	.809	.743	33	1.014	85	.786			
34	.812	.766	84	.820	.762	34	1.035	86	.786			
35	.808	.764	85	.821	.770	35	1.054	87	.770			
36	.807	.759	86	.815	.770	36	1.075	88	.754			
37	.804	.752	87	.809	.766	37	1.090	89	.734			
38	.804	.745	88	.805	.755	38	1.084	90	.719			
39	.803	.740	89	.804	.743	39	1.014	91	.718			
40	.798	.739	90	.793	.737	40	.987	92	.716			
41	.795	.734	91	.778	.737	41	.959	93	.695			
42	.793	.732	92	.775	.738	42	.929	94	.691			
43	.786	.731	93	.764	.747	43	.900	95	.684			
44	.778	.732	94	.763	.749	44	.868	96	.689			
45	.773	.733	95	.763	.762	45	.836	97	.694			
46	.772	.735	96	.764	.761	46	.804	98	.722			
47	.775	.740				47	.775	99	.768			
48	.773	.742				48	.748	100	.705			
49	.768	.748				49	.724	101	.566			
50	.763	.752				50	.702	102	.407			
51	.762	.751				51	.684	103	.283			
52	.766	.758	PRISES COL			52	.670					
53	.767	.756										
54	.764	.756	.818	1.197		REFERENCE PROFIL						
55	.766	.759	.863	1.152		.755						
56	.764	.761	.918	.889		.757						
57	.765	.759	.966	.839		.754						
58	.764	.762	1.145	.803		.754						

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**********************************   FICHIER AD303      N0(IT)=  4
28/ 3/85 15H45 M=.757  PI=1.7  TI=TA   I=+1.00  (RM  )  AD303
DE  AD246  4ITER
-------------------------------------------------------------------------------
        MACH DE REFERENCE= .7608      UINF=  247.857 M/S
                      TIV=294.6 K      PIV=  1689 MB
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MACH PAROIS I	HAUT	BAS		MACH PAROIS I	HAUT	BAS	MACH PROFIL I	EXT	I	INT	T(K) I	TPR
1	.765	.751	PRISES DOUBLES				1	.072	53	.696	1	289.7
2	.763	.755					2	.276	54	.691	2	288.3
3	.763	.753		59	.760	.753	3	.393	55	.692	3	287.7
4	.761	.753		60	.765	.757	4	.505	56	.696	4	287.5
5	.759	.756		61	.763	.752	5	.597	57	.702	5	287.5
6	.759	.756					6	.649	58	.708	6	288.4
7	.760	.754	PRISES LAT. GAUCHES				7	.684	59	.716	7	288.6
8	.761	.754					8	.712	60	.725	8	289.2
9	.761	.758		62	.761	.756	9	.741	61	.736	9	290.5
10	.762	.751		63	.758	.759	10	.775	62	.749	10	290.2
11	.761	.754		64	.765	.749	11	.810	63	.763	11	289.9
12	.757	.754		65	.775	.729	12	.851	64	.775	12	289.8
13	.761	.750		66	.805	.722	13	.947	65	.790	13	290.1
14	.759	.751		67	.829	.756	14	1.020	66	.808	14	290.4
15	.761	.752		68	.827	.770	15	1.083	67	.827	15	290.3
16	.761	.751		69	.816	.759	16	1.155	68	.847	16	287.7
17	.766	.747		70	.803	.741	17	1.187	69	.866	17	287.9
18	.773	.739		71	.772	.738	18	1.204	70	.884	18	287.7
19	.769	.737		72	.767	.753	19	1.215	71	.901	19	287.3
20	.771	.736		73	.760	.761	20	1.220	72	.911		
21	.776	.732					21	1.221	73	.913	I	TPG
22	.783	.723	PRISES LAT. DROITES				22	1.232	74	.912		
23	.792	.716					23	1.228	75	.904	1	294.7
24	.798	.716		74	.762	.756	24	1.230	76	.895	2	294.7
25	.805	.723		75	.761	.754	25	1.230	77	.881	3	294.7
26	.812	.729		76	.761	.754	26	1.230	78	.866	4	294.6
27	.818	.736		77	.759	.749	27	1.230	79	.850	5	294.6
28	.826	.749		78	.765	.748	28	1.231	80	.834		
29	.829	.758		79	.775	.735	29	1.232	81	.820		
30	.829	.765		80	.775	.731	30	1.237	82	.808		
31	.832	.765		81	.794	.719	31	1.240	83	.795		
32	.830	.772		82	.802	.723	32	1.248	84	.791		
33	.830	.772		83	.816	.736	33	1.232	85	.769		
34	.823	.768		84	.828	.755	34	1.057	86	.760		
35	.819	.765		85	.830	.766	35	.992	87	.745		
36	.818	.761		86	.824	.769	36	.977	88	.728		
37	.814	.754		87	.819	.765	37	.973	89	.708		
38	.813	.749		88	.816	.756	38	.969	90	.693		
39	.813	.743		89	.812	.745	39	.959	91	.683		
40	.807	.741		90	.801	.740	40	.942	92	.672		
41	.803	.737		91	.785	.740	41	.920	93	.662		
42	.801	.736		92	.774	.740	42	.895	94	.654		
43	.793	.736		93	.767	.748	43	.869	95	.646		
44	.784	.737		94	.769	.752	44	.841	96	.648		
45	.779	.737		95	.763	.764	45	.814	97	.639		
46	.775	.738		96	.760	.764	46	.789	98	.655		
47	.774	.740					47	.768	99	.680		
48	.771	.743					48	.750	100	.618		
49	.771	.748					49	.735	101	.487		
50	.768	.752					50	.724	102	.338		
51	.768	.753					51	.714	103	.209		
52	.764	.753	PRISES COL				52	.705				
53	.766	.754										
54	.765	.756			.825	1.202		REFERENCE PROFIL				
55	.765	.757			.867	.874		.759				
56	.762	.757			.922	.838		.760				
57	.759	.759			.968	.807		.758				
58	.751	.764			1.138	.775		.759				

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******************************   FICHIER AD304      N0(IT)=  4
28/ 3/85 16H20 M=.696  PI=2.9  TI=TA   I=+1.00  (RMP )  AD304
DE  AD302  5'ITER
--------------------------------------------------------------------------------
        MACH DE REFERENCE= .6987      UINF=  230.508 M/S
                    TIV=297.2 K       PIV=  2888 MB
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I	MACH PAROIS HAUT	MACH PAROIS BAS		I	HAUT	BAS		I	MACH PROFIL EXT	I	INT		I	T(K) TPR
1	.701	.690	* PRISES DOUBLES				*	1	.114	53	.632	*	1	293.9
2	.695	.689	*				*	2	.319	54	.629	*	2	291.8
3	.697	.688	*	59	.693	.686	*	3	.432	55	.631	*	3	292.4
4	.701	.696	*	60	.702	.695	*	4	.543	56	.635	*	4	292.4
5	.702	.700	*	61	.704	.694	*	5	.633	57	.640	*	5	292.4
6	.696	.693	*				*	6	.677	58	.647	*	6	292.5
7	.693	.688	* PRISES LAT. GAUCHES				*	7	.707	59	.653	*	7	292.7
8	.700	.693	*				*	8	.731	60	.661	*	8	293.2
9	.704	.702	*	62	.698	.696	*	9	.756	61	.671	*	9	294.4
10	.699	.689	*	63	.704	.696	*	10	.789	62	.682	*	10	294.3
11	.698	.693	*	64	.705	.692	*	11	.820	63	.693	*	11	293.9
12	.697	.697	*	65	.714	.671	*	12	.857	64	.703	*	12	293.8
13	.702	.690	*	66	.732	.666	*	13	.944	65	.716	*	13	294.1
14	.699	.688	*	67	.746	.690	*	14	1.010	66	.730	*	14	294.6
15	.700	.690	*	68	.745	.698	*	15	1.081	67	.745	*	15	294.9
16	.704	.693	*	69	.739	.690	*	16	1.124	68	.760	*	16	292.3
17	.706	.690	*	70	.729	.678	*	17	1.137	69	.775	*	17	292.9
18	.709	.683	*	71	.713	.681	*	18	1.128	70	.787	*	18	292.3
19	.706	.680	*	72	.701	.690	*	19	1.045	71	.798	*	19	292.2
20	.712	.676	*	73	.703	.697	*	20	.999	72	.805	*		
21	.716	.673	*				*	21	.994	73	.806	*	I	TPG
22	.719	.670	* PRISES LAT. DROITES				*	22	.996	74	.806	*		
23	.723	.664	*				*	23	.978	75	.800	*	1	297.3
24	.726	.662	*	74	.699	.695	*	24	.969	76	.794	*	2	297.3
25	.731	.666	*	75	.694	.688	*	25	.961	77	.785	*	3	297.3
26	.734	.669	*	76	.698	.692	*	26	.955	78	.775	*	4	297.2
27	.738	.674	*	77	.698	.687	*	27	.952	79	.762	*	5	297.2
28	.743	.684	*	78	.705	.691	*	28	.950	80	.750	*		
29	.746	.691	*	79	.711	.679	*	29	.949	81	.739	*		
30	.745	.696	*	80	.715	.672	*	30	.946	82	.729	*		
31	.747	.695	*	81	.724	.667	*	31	.943	83	.719	*		
32	.745	.700	*	82	.731	.665	*	32	.943	84	.707	*		
33	.748	.700	*	83	.737	.674	*	33	.941	85	.700	*		
34	.741	.696	*	84	.744	.690	*	34	.940	86	.691	*		
35	.740	.695	*	85	.746	.698	*	35	.939	87	.677	*		
36	.740	.692	*	86	.743	.698	*	36	.938	88	.660	*		
37	.737	.688	*	87	.741	.696	*	37	.933	89	.640	*		
38	.736	.683	*	88	.739	.689	*	38	.925	90	.622	*		
39	.736	.680	*	89	.736	.681	*	39	.912	91	.616	*		
40	.732	.679	*	90	.728	.679	*	40	.893	92	.605	*		
41	.729	.677	*	91	.716	.681	*	41	.871	93	.595	*		
42	.728	.676	*	92	.715	.682	*	42	.848	94	.587	*		
43	.721	.675	*	93	.706	.688	*	43	.824	95	.577	*		
44	.716	.677	*	94	.703	.689	*	44	.797	96	.579	*		
45	.713	.678	*	95	.700	.706	*	45	.770	97	.566	*		
46	.712	.680	*	96	.703	.704	*	46	.742	98	.570	*		
47	.715	.683	*				*	47	.716	99	.583	*		
48	.712	.684	*				*	48	.694	100	.525	*		
49	.709	.688	*				*	49	.675	101	.407	*		
50	.705	.692	*				*	50	.660	102	.268	*		
51	.701	.690	*				*	51	.648	103	.145	*		
52	.705	.696	*	PRISES COL			*	52	.638					
53	.704	.693	*											
54	.701	.692	*	.754	1.149		*	REFERENCE PROFIL						
55	.702	.696	*	.804	1.257		*	.696						
56	.703	.700	*	.871	.944		*	.699						
57	.703	.701	*	.927	.822		*	.696						
58	.700	.710	*	1.103	.768		*	.697						

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****************************** FICHIER AD305      N0(IT)=  4
28/ 3/85 16H55 M=.755  PI=2.9  TI=TA   I=+1.00  (RMP )  AD305
DE  AD303  4'ITER
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        MACH DE REFERENCE= .7587      UINF=  248.382 M/S
                          TIV=297.3 K      PIV=  2883 MB
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MACH PAROIS I	HAUT	BAS	I	HAUT	BAS	MACH PROFIL I	EXT	I	INT	T(K) I	TPR
1	.762	.748	PRISES DOUBLES			1	.081	53	.679	1	293.3
2	.757	.749				2	.290	54	.677	2	291.0
3	.759	.748	59	.755	.746	3	.407	55	.679	3	290.4
4	.761	.755	60	.764	.755	4	.520	56	.684	4	290.0
5	.760	.759	61	.764	.751	5	.614	57	.690	5	290.1
6	.756	.753				6	.663	58	.698	6	291.2
7	.755	.748	PRISES LAT. GAUCHES			7	.696	59	.707	7	291.6
8	.761	.751				8	.724	60	.716	8	292.2
9	.764	.759	62	.758	.755	9	.752	61	.727	9	293.7
10	.760	.748	63	.761	.756	10	.789	62	.740	10	293.6
11	.758	.754	64	.765	.747	11	.822	63	.753	11	293.1
12	.755	.757	65	.775	.727	12	.861	64	.766	12	292.9
13	.760	.750	66	.806	.718	13	.954	65	.781	13	293.3
14	.758	.748	67	.831	.752	14	1.030	66	.798	14	293.9
15	.759	.748	68	.828	.765	15	1.104	67	.817	15	294.1
16	.762	.748	69	.816	.752	16	1.163	68	.836	16	290.9
17	.766	.744	70	.800	.734	17	1.196	69	.855	17	290.8
18	.770	.737	71	.773	.736	18	1.209	70	.872	18	290.7
19	.765	.736	72	.761	.748	19	1.221	71	.887	19	290.9
20	.771	.734	73	.760	.759	20	1.227	72	.897		
21	.777	.729				21	1.230	73	.899	I	TPG
22	.783	.718	PRISES LAT. DROITES			22	1.247	74	.898		
23	.792	.710				23	1.237	75	.891	1	297.3
24	.797	.710	74	.759	.755	24	1.238	76	.882	2	297.4
25	.806	.718	75	.756	.749	25	1.238	77	.870	3	297.3
26	.813	.724	76	.759	.750	26	1.237	78	.855	4	297.3
27	.820	.731	77	.756	.747	27	1.239	79	.839	5	297.3
28	.827	.744	78	.765	.746	28	1.240	80	.824		
29	.832	.754	79	.771	.735	29	1.242	81	.811		
30	.831	.761	80	.776	.728	30	1.243	82	.798		
31	.834	.760	81	.795	.713	31	1.246	83	.786		
32	.831	.767	82	.805	.718	32	1.254	84	.773		
33	.833	.767	83	.818	.731	33	1.257	85	.763		
34	.823	.762	84	.829	.752	34	1.103	86	.754		
35	.819	.760	85	.831	.762	35	1.000	87	.738		
36	.817	.756	86	.825	.765	36	.977	88	.718		
37	.813	.749	87	.820	.761	37	.972	89	.697		
38	.811	.743	88	.815	.751	38	.970	90	.677		
39	.809	.737	89	.809	.739	39	.963	91	.671		
40	.804	.735	90	.798	.734	40	.949	92	.661		
41	.800	.731	91	.783	.735	41	.928	93	.650		
42	.798	.729	92	.775	.737	42	.904	94	.643		
43	.790	.728	93	.765	.745	43	.879	95	.633		
44	.782	.730	94	.764	.747	44	.851	96	.635		
45	.778	.731	95	.763	.764	45	.823	97	.625		
46	.775	.733	96	.759	.763	46	.795	98	.636		
47	.775	.738				47	.769	99	.660		
48	.772	.740				48	.747	100	.599		
49	.768	.745				49	.727	101	.470		
50	.763	.749				50	.711	102	.321		
51	.762	.748				51	.697	103	.193		
52	.765	.754	PRISES COL			52	.686				
53	.767	.752									
54	.765	.753	.819	1.138		REFERENCE PROFIL					
55	.765	.755	.862	1.237		.756					
56	.763	.758	.918	.918		.758					
57	.760	.759	.965	.851		.756					
58	.751	.764	1.138	.810		.757					

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****************************   FICHIER AD306      N0(IT)=  4
29/ 3/85  9H40 M=.758  PI=2.4  TI=TA   I=+1.00  (RMP )  AD306
DE  AD305  4'ITER
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MACH DE REFERENCE= .7645 UINF= 248.919 M/S
TIV=294.5 K PIV= 2402 MB

MACH PAROIS I	HAUT	BAS	I	HAUT	BAS	MACH PROFIL I	EXT	I	INT	T(K) I	TPR
1	.768	.753	PRISES DOUBLES			1	.087	53	.691	1	290.1
2	.765	.756				2	.284	54	.688	2	288.2
3	.766	.756	59	.762	.753	3	.399	55	.690	3	287.5
4	.766	.761	60	.769	.759	4	.513	56	.695	4	287.2
5	.765	.765	61	.769	.756	5	.605	57	.700	5	287.1
6	.762	.761				6	.655	58	.708	6	287.7
7	.762	.755	PRISES LAT. GAUCHES			7	.689	59	.716	7	288.7
8	.766	.755				8	.718	60	.725	8	289.3
9	.768	.762	62	.764	.762	9	.747	61	.736	9	290.7
10	.766	.752	63	.766	.760	10	.783	62	.750	10	290.4
11	.763	.758	64	.769	.753	11	.816	63	.763	11	290.0
12	.759	.760	65	.780	.729	12	.856	64	.776	12	289.9
13	.764	.754	66	.808	.727	13	.951	65	.791	13	290.3
14	.762	.753	67	.835	.759	14	1.020	66	.808	14	290.8
15	.764	.753	68	.837	.773	15	1.095	67	.828	15	291.1
16	.766	.753	69	.826	.761	16	1.161	68	.848	16	288.6
17	.770	.750	70	.808	.740	17	1.193	69	.868	17	288.0
18	.775	.745	71	.779	.743	18	1.209	70	.886	18	288.3
19	.772	.741	72	.768	.755	19	1.220	71	.902	19	288.7
20	.775	.736	73	.767	.766	20	1.225	72	.912		
21	.780	.730				21	1.229	73	.915	I	TPG
22	.790	.724	PRISES LAT. DROITES			22	1.244	74	.914		
23	.798	.719				23	1.237	75	.906	1	294.6
24	.802	.719	74	.765	.762	24	1.238	76	.897	2	294.6
25	.808	.727	75	.764	.757	25	1.238	77	.884	3	294.6
26	.814	.733	76	.764	.755	26	1.239	78	.870	4	294.5
27	.821	.740	77	.761	.752	27	1.240	79	.852	5	294.5
28	.829	.752	78	.769	.751	28	1.243	80	.837		
29	.834	.762	79	.777	.740	29	1.246	81	.823		
30	.835	.768	80	.780	.730	30	1.249	82	.809		
31	.839	.768	81	.801	.721	31	1.253	83	.796		
32	.838	.777	82	.808	.728	32	1.260	84	.784		
33	.841	.775	83	.820	.740	33	1.267	85	.773		
34	.833	.770	84	.832	.758	34	1.272	86	.763		
35	.830	.768	85	.837	.771	35	1.144	87	.748		
36	.828	.764	86	.834	.773	36	1.014	88	.729		
37	.823	.757	87	.830	.770	37	.980	89	.708		
38	.820	.750	88	.825	.759	38	.965	90	.689		
39	.818	.744	89	.818	.745	39	.953	91	.682		
40	.812	.741	90	.806	.741	40	.938	92	.672		
41	.808	.738	91	.789	.743	41	.920	93	.662		
42	.805	.736	92	.781	.744	42	.897	94	.655		
43	.797	.737	93	.771	.751	43	.873	95	.646		
44	.789	.739	94	.771	.754	44	.847	96	.647		
45	.784	.740	95	.770	.769	45	.821	97	.638		
46	.781	.742	96	.766	.769	46	.796	98	.653		
47	.781	.745				47	.773	99	.679		
48	.777	.746				48	.754	100	.618		
49	.774	.750				49	.737	101	.486		
50	.769	.754				50	.723	102	.337		
51	.768	.755				51	.710	103	.209		
52	.771	.758	PRISES COL			52	.701				
53	.773	.758									
54	.772	.759	.827	1.203		REFERENCE PROFIL					
55	.772	.762	.869	1.233		.763					
56	.770	.764	.924	.918		.764					
57	.767	.765	.970	.855		.762					
58	.759	.770	1.140	.819		.763					

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********************************  FICHIER AD307      N0(IT)=  4
29/ 3/85 10H35 M=.696  PI=2.4  TI=TA   I=+1.00  (RMP )  AD307
DE  AD304  4'ITER
--------------------------------------------------------------------------------
        MACH DE REFERENCE= .7020        UINF=  230.893 M/S
                          TIV=295.6 K     PIV=  2398 MB
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I	MACH PAROIS HAUT	BAS
1	.704	.692
2	.700	.693
3	.701	.693
4	.703	.699
5	.703	.703
6	.699	.699
7	.699	.693
8	.704	.695
9	.707	.701
10	.705	.692
11	.703	.698
12	.701	.701
13	.705	.695
14	.702	.694
15	.702	.694
16	.704	.694
17	.709	.692
18	.715	.688
19	.711	.685
20	.713	.681
21	.716	.676
22	.724	.670
23	.730	.664
24	.730	.664
25	.734	.670
26	.736	.674
27	.740	.680
28	.745	.689
29	.748	.696
30	.748	.701
31	.750	.700
32	.749	.706
33	.751	.705
34	.745	.702
35	.743	.700
36	.742	.697
37	.740	.693
38	.738	.688
39	.738	.685
40	.734	.683
41	.732	.681
42	.731	.680
43	.727	.680
44	.722	.681
45	.720	.682
46	.717	.683
47	.717	.686
48	.714	.687
49	.711	.691
50	.707	.694
51	.705	.694
52	.707	.698
53	.708	.697
54	.705	.697
55	.706	.699
56	.706	.702
57	.705	.703
58	.704	.709

I	PRISES DOUBLES HAUT	BAS
59	.699	.692
60	.708	.698
61	.707	.696

I	PRISES LAT. GAUCHES HAUT	BAS
62	.701	.700
63	.709	.700
64	.708	.694
65	.715	.674
66	.733	.669
67	.749	.694
68	.748	.702
69	.742	.694
70	.732	.682
71	.715	.685
72	.705	.694
73	.707	.702

I	PRISES LAT. DROITES HAUT	BAS
74	.701	.699
75	.700	.694
76	.703	.694
77	.702	.693
78	.708	.693
79	.716	.684
80	.716	.675
81	.731	.666
82	.733	.670
83	.739	.679
84	.747	.694
85	.750	.701
86	.746	.702
87	.744	.701
88	.741	.694
89	.737	.685
90	.731	.683
91	.723	.684
92	.716	.685
93	.708	.692
94	.708	.693
95	.705	.707
96	.706	.706

I	PRISES COL	
	.760	1.154
	.810	.905
	.876	.833
	.931	.776
	1.105	.728

I	MACH PROFIL EXT	I	INT
1	.116	53	.640
2	.317	54	.636
3	.431	55	.638
4	.541	56	.642
5	.630	57	.647
6	.676	58	.653
7	.706	59	.660
8	.730	60	.668
9	.756	61	.677
10	.788	62	.688
11	.819	63	.699
12	.856	64	.709
13	.944	65	.722
14	1.010	66	.736
15	1.081	67	.752
16	1.128	68	.767
17	1.142	69	.781
18	1.139	70	.794
19	1.115	71	.805
20	.996	72	.812
21	.996	73	.813
22	.998	74	.813
23	.984	75	.807
24	.975	76	.801
25	.968	77	.792
26	.961	78	.781
27	.958	79	.768
28	.956	80	.756
29	.955	81	.745
30	.952	82	.734
31	.949	83	.724
32	.949	84	.712
33	.947	85	.704
34	.945	86	.695
35	.944	87	.682
36	.943	88	.664
37	.938	89	.644
38	.930	90	.628
39	.916	91	.620
40	.896	92	.610
41	.874	93	.599
42	.850	94	.592
43	.825	95	.582
44	.798	96	.584
45	.770	97	.571
46	.742	98	.575
47	.718	99	.588
48	.697	100	.531
49	.680	101	.412
50	.666	102	.273
51	.655	103	.152
52	.646		

I	T(K) TPR
1	292.2
2	290.2
3	290.7
4	290.8
5	290.9
6	291.0
7	291.1
8	291.6
9	292.7
10	292.6
11	292.2
12	292.2
13	292.4
14	292.9
15	293.1
16	290.9
17	291.2
18	291.0
19	291.1

I	TPG
1	295.7
2	295.8
3	295.7
4	295.7
5	295.7

REFERENCE PROFIL

.702
.703
.701
.702

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*****************************   FICHIER AD308      N0(IT)=  4
29/ 3/85 11H20 M=.694  PI=2.   TI=155K I=+1.00  (RMP )  AD308
DE  AD304  4'ITER
-------------------------------------------------------------------------------
        MACH DE REFERENCE= .7012       UINF=  166.615 M/S
                          TIV=154.3 K      PIV=  1995 MB
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MACH PAROIS							MACH PROFIL					T(K)	
I	HAUT	BAS	I	HAUT	BAS		I	EXT	I	INT		I	TPR
1	.704	.692	PRISES DOUBLES				1	.119	53	.627		1	151.1
2	.703	.696					2	.321	54	.625		2	150.0
3	.702	.692	59	.700	.692		3	.440	55	.627		3	150.2
4	.702	.694	60	.705	.700		4	.551	56	.632		4	151.2
5	.700	.697	61	.704	.695		5	.641	57	.637		5	150.8
6	.699	.696					6	.680	58	.645		6	150.8
7	.700	.695	PRISES LAT. GAUCHES				7	.709	59	.651		7	150.8
8	.701	.694					8	.735	60	.660		8	151.7
9	.702	.701	62	.701	.698		9	.758	61	.670		9	152.6
10	.703	.694	63	.703	.702		10	.797	62	.681		10	151.6
11	.700	.700	64	.707	.692		11	.823	63	.693		11	151.3
12	.698	.700	65	.716	.674		12	.860	64	.703		12	151.5
13	.704	.694	66	.738	.668		13	.945	65	.716		13	151.7
14	.703	.692	67	.749	.691		14	1.010	66	.730		14	151.7
15	.703	.693	68	.747	.700		15	1.081	67	.745		15	151.4
16	.705	.692	69	.741	.691		16	1.133	68	.761		16	152.6
17	.708	.689	70	.735	.680		17	1.145	69	.775		17	150.5
18	.715	.683	71	.713	.683		18	1.146	70	.788		18	150.6
19	.709	.681	72	.705	.693		19	1.135	71	.799		19	154.1
20	.713	.680	73	.705	.702		20	1.005	72	.805			
21	.714	.678					21	.985	73	.807		I	TPG
22	.722	.672	PRISES LAT. DROITES				22	.997	74	.806			
23	.728	.665					23	.982	75	.800		1	154.2
24	.731	.663	74	.701	.697		24	.976	76	.795		2	154.4
25	.737	.666	75	.702	.695		25	.968	77	.786		3	153.7
26	.740	.670	76	.701	.696		26	.961	78	.775		4	153.4
27	.743	.675	77	.700	.692		27	.959	79	.762		5	153.3
28	.746	.685	78	.706	.690		28	.957	80	.750			
29	.747	.692	79	.713	.679		29	.956	81	.739			
30	.746	.696	80	.713	.677		30	.954	82	.728			
31	.749	.696	81	.729	.667		31	.951	83	.718			
32	.747	.702	82	.738	.666		32	.953	84	.707			
33	.749	.700	83	.742	.676		33	.951	85	.697			
34	.742	.697	84	.746	.692		34	.950	86	.692			
35	.740	.696	85	.747	.699		35	.949	87	.677			
36	.741	.694	86	.744	.699		36	.949	88	.659			
37	.739	.689	87	.742	.698		37	.945	89	.639			
38	.739	.686	88	.740	.691		38	.936	90	.621			
39	.739	.683	89	.739	.683		39	.923	91	.617			
40	.735	.682	90	.732	.680		40	.904	92	.606			
41	.733	.679	91	.723	.680		41	.882	93	.595			
42	.733	.678	92	.715	.684		42	.859	94	.587			
43	.729	.677	93	.707	.689		43	.835	95	.577			
44	.723	.677	94	.707	.692		44	.807	96	.578			
45	.719	.678	95	.703	.701		45	.779	97	.588			
46	.716	.680	96	.704	.701		46	.750	98	.569			
47	.715	.685					47	.723	99	.582			
48	.714	.687					48	.699	100	.525			
49	.711	.690					49	.677	101	.410			
50	.707	.692					50	.658	102	.269			
51	.706	.694					51	.643	103	.148			
52	.705	.698		PRISES COL			52	.630					
53	.706	.697											
54	.705	.697		.760	1.153			REFERENCE PROFIL					
55	.706	.699		.811	.864			.699					
56	.704	.700		.876	.811			.699					
57	.703	.699		.931	.758			.698					
58	.701	.703		1.110	.711			.698					

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********************************   FICHIER AD309      N0(IT)=  4
29/ 3/85 12H 5 M=.754  PI=2.   TI=155K I=+1.00  (RMPT)  AD309
DE  AD308  4'ITER
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        MACH DE REFERENCE= .7603      UINF=  179.440 M/S
                          TIV=154.6 K      PIV=  2002 MB
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MACH PAROIS I	HAUT	BAS		MACH PAROIS I	HAUT	BAS	MACH PROFIL I	EXT	I	INT	T(K) I	TPR
1	.767	.753	* PRISES DOUBLES				1	.089	53	.672	1	151.1
2	.766	.760	*				2	.285	54	.670	2	149.9
3	.765	.755	*	59	.762	.753	3	.412	55	.674	3	149.1
4	.761	.755	*	60	.768	.760	4	.520	56	.679	4	149.6
5	.758	.757	*	61	.767	.753	5	.613	57	.686	5	149.3
6	.759	.757	*				6	.657	58	.693	6	149.2
7	.761	.756	* PRISES LAT. GAUCHES				7	.691	59	.702	7	150.0
8	.761	.752	*				8	.719	60	.713	8	151.3
9	.761	.759	*	62	.763	.760	9	.745	61	.725	9	152.1
10	.765	.753	*	63	.761	.762	10	.787	62	.738	10	151.3
11	.762	.759	*	64	.766	.750	11	.817	63	.751	11	150.9
12	.758	.758	*	65	.777	.726	12	.856	64	.764	12	151.0
13	.765	.752	*	66	.810	.723	13	.948	65	.781	13	151.3
14	.764	.751	*	67	.831	.754	14	1.020	66	.799	14	151.4
15	.764	.752	*	68	.829	.769	15	1.102	67	.818	15	151.1
16	.764	.749	*	69	.818	.757	16	1.156	68	.838	16	152.0
17	.767	.747	*	70	.802	.738	17	1.195	69	.857	17	149.3
18	.774	.740	*	71	.776	.739	18	1.202	70	.875	18	149.6
19	.768	.737	*	72	.767	.753	19	1.213	71	.890	19	153.9
20	.773	.735	*	73	.761	.764	20	1.221	72	.900		
21	.775	.730	*				21	1.224	73	.902	I	TPG
22	.785	.722	* PRISES LAT. DROITES				22	1.246	74	.902		
23	.794	.715	*				23	1.234	75	.895	1	154.8
24	.800	.715	*	74	.762	.760	24	1.234	76	.886	2	154.9
25	.810	.723	*	75	.764	.756	25	1.235	77	.874	3	154.3
26	.816	.728	*	76	.763	.756	26	1.235	78	.859	4	153.8
27	.824	.734	*	77	.761	.751	27	1.236	79	.843	5	153.4
28	.829	.747	*	78	.766	.749	28	1.238	80	.827		
29	.832	.754	*	79	.774	.736	29	1.241	81	.814		
30	.831	.761	*	80	.775	.729	30	1.242	82	.801		
31	.835	.761	*	81	.795	.717	31	1.245	83	.788		
32	.833	.770	*	82	.810	.722	32	1.254	84	.776		
33	.836	.768	*	83	.821	.734	33	1.260	85	.762		
34	.826	.765	*	84	.830	.753	34	1.267	86	.758		
35	.822	.760	*	85	.831	.762	35	1.173	87	.742		
36	.820	.757	*	86	.828	.763	36	1.007	88	.723		
37	.816	.750	*	87	.822	.761	37	.971	89	.701		
38	.814	.744	*	88	.817	.752	38	.961	90	.682		
39	.812	.738	*	89	.813	.741	39	.959	91	.676		
40	.807	.736	*	90	.800	.734	40	.943	92	.671		
41	.802	.731	*	91	.783	.735	41	.927	93	.657		
42	.800	.731	*	92	.778	.740	42	.906	94	.656		
43	.792	.730	*	93	.768	.747	43	.883	95	.640		
44	.782	.732	*	94	.770	.752	44	.856	96	.643		
45	.778	.733	*	95	.768	.762	45	.828	97	.642		
46	.776	.736	*	96	.759	.759	46	.800	98	.645		
47	.777	.741	*				47	.774	99	.674		
48	.776	.744	*				48	.749	100	.615		
49	.772	.748	*				49	.727	101	.483		
50	.767	.750	*				50	.707	102	.331		
51	.768	.753	*				51	.690	103	.206		
52	.768	.756	*	PRISES COL			52	.677				
53	.771	.757	*									
54	.770	.759	*	.828	1.168			REFERENCE PROFIL				
55	.770	.759	*	.870	.864			.758				
56	.764	.760	*	.923	.829			.760				
57	.760	.758	*	.969	.803			.758				
58	.752	.760	*	1.145	.765			.759				

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********************************   FICHIER AD310      N0(IT)=  4
29/ 3/85 14H60 M=.694  PI=2.5  TI=120K I=+1.00  (RMPT)  AD310
DE  AD308  4'ITER
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MACH DE REFERENCE= .7033 UINF= 147.108 M/S
TIV=119.6 K PIV= 2496 MB

I	MACH PAROIS HAUT	BAS	I	MACH PAROIS HAUT	BAS	I	MACH PROFIL EXT	I	INT	I	T(K) TPR
1	.707	.694	PRISES DOUBLES			1	.171	53	.630	1	116.9
2	.704	.700				2	.315	54	.628	2	115.5
3	.705	.696	59	.699	.694	3	.431	55	.631	3	116.0
4	.705	.699	60	.708	.701	4	.541	56	.636	4	117.5
5	.702	.701	61	.708	.696	5	.633	57	.641	5	116.8
6	.700	.699				6	.674	58	.648	6	117.1
7	.700	.697	PRISES LAT. GAUCHES			7	.705	59	.655	7	116.9
8	.702	.695				8	.730	60	.663	8	118.0
9	.704	.703	62	.703	.702	9	.747	61	.674	9	119.5
10	.706	.695	63	.706	.704	10	.800	62	.684	10	117.7
11	.705	.702	64	.707	.697	11	.819	63	.696	11	117.3
12	.702	.703	65	.718	.675	12	.853	64	.706	12	117.5
13	.708	.695	66	.740	.670	13	.939	65	.719	13	117.4
14	.707	.693	67	.751	.695	14	1.010	66	.733	14	117.3
15	.704	.696	68	.748	.704	15	1.087	67	.748	15	116.9
16	.704	.696	69	.742	.695	16	1.124	68	.763	16	118.1
17	.709	.694	70	.737	.683	17	1.136	69	.778	17	116.5
18	.719	.687	71	.715	.685	18	1.142	70	.790	18	116.7
19	.711	.684	72	.708	.693	19	1.131	71	.801	19	119.0
20	.715	.682	73	.705	.704	20	1.005	72	.808		
21	.715	.679				21	.990	73	.809	I	TPG
22	.724	.674	PRISES LAT. DROITES			22	.993	74	.808		
23	.729	.667				23	.983	75	.802	1	119.1
24	.731	.665	74	.703	.702	24	.976	76	.797	2	119.0
25	.739	.669	75	.702	.697	25	.969	77	.788	3	119.3
26	.741	.673	76	.704	.698	26	.962	78	.777	4	119.2
27	.745	.678	77	.703	.694	27	.960	79	.764	5	118.8
28	.748	.688	78	.706	.695	28	.957	80	.753		
29	.749	.695	79	.715	.683	29	.956	81	.741		
30	.748	.700	80	.714	.677	30	.954	82	.731		
31	.751	.700	81	.730	.669	31	.952	83	.720		
32	.749	.706	82	.739	.668	32	.952	84	.709		
33	.752	.705	83	.744	.678	33	.951	85	.699		
34	.744	.700	84	.747	.695	34	.950	86	.689		
35	.742	.699	85	.749	.702	35	.949	87	.676		
36	.742	.696	86	.746	.702	36	.948	88	.660		
37	.741	.692	87	.743	.701	37	.944	89	.640		
38	.741	.688	88	.740	.694	38	.936	90	.624		
39	.741	.685	89	.741	.686	39	.922	91	.619		
40	.737	.685	90	.734	.683	40	.904	92	.615		
41	.735	.681	91	.724	.683	41	.882	93	.600		
42	.735	.680	92	.715	.685	42	.859	94	.591		
43	.731	.678	93	.709	.691	43	.834	95	.581		
44	.724	.679	94	.709	.692	44	.807	96	.582		
45	.720	.681	95	.707	.705	45	.779	97	.594		
46	.717	.682	96	.702	.703	46	.751	98	.574		
47	.717	.688				47	.725	99	.593		
48	.716	.689				48	.701	100	.533		
49	.713	.693				49	.679	101	.408		
50	.711	.694				50	.661	102	.271		
51	.709	.694				51	.646	103	.148		
52	.709	.700	PRISES COL			52	.633				
53	.710	.698									
54	.709	.700	.761	1.152		REFERENCE PROFIL					
55	.710	.702	.811	.905		.700					
56	.707	.705	.876	.837		.701					
57	.704	.702	.931	.779		.699					
58	.701	.705	1.114	.733		.700					

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**********************************  FICHIER AD311      N0(IT)=  4
29/ 3/85 15H45 M=.754  PI=2.5  TI=120K I=+1.00  (RMPT)  AD311
DE  AD309  4'ITER
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        MACH DE REFERENCE= .7638      UINF=  158.408 M/S
                     TIV=119.5 K      PIV=  2496 MB
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MACH PAROIS I	HAUT	BAS
1	.768	.753
2	.767	.761
3	.766	.756
4	.765	.758
5	.760	.760
6	.760	.760
7	.761	.757
8	.762	.753
9	.764	.762
10	.766	.753
11	.763	.761
12	.759	.761
13	.766	.753
14	.765	.751
15	.763	.754
16	.764	.754
17	.770	.752
18	.779	.745
19	.770	.741
20	.775	.736
21	.777	.730
22	.790	.723
23	.799	.717
24	.802	.718
25	.811	.725
26	.816	.731
27	.824	.738
28	.829	.750
29	.833	.758
30	.832	.765
31	.839	.765
32	.838	.775
33	.843	.773
34	.834	.768
35	.830	.766
36	.828	.761
37	.824	.753
38	.821	.747
39	.818	.740
40	.811	.739
41	.807	.733
42	.805	.733
43	.798	.734
44	.788	.737
45	.783	.739
46	.779	.742
47	.779	.746
48	.778	.747
49	.775	.750
50	.771	.751
51	.770	.754
52	.770	.762
53	.772	.762
54	.771	.764
55	.773	.765
56	.768	.766
57	.765	.761
58	.760	.761

PRISES DOUBLES I	HAUT	BAS
59	.760	.754
60	.768	.761
61	.768	.757

PRISES LAT. GAUCHES I	HAUT	BAS
62	.764	.762
63	.762	.764
64	.768	.757
65	.781	.728
66	.812	.728
67	.833	.760
68	.837	.776
69	.826	.762
70	.808	.742
71	.777	.744
72	.770	.753
73	.766	.769

PRISES LAT. DROITES I	HAUT	BAS
74	.763	.762
75	.764	.758
76	.764	.757
77	.761	.751
78	.766	.753
79	.775	.740
80	.777	.730
81	.801	.719
82	.811	.725
83	.822	.738
84	.830	.756
85	.835	.767
86	.835	.769
87	.831	.766
88	.825	.756
89	.819	.741
90	.806	.737
91	.789	.742
92	.779	.743
93	.770	.749
94	.771	.752
95	.770	.764
96	.763	.763

PRISES COL		
	.823	1.198
	.850	.935
	.920	.866
	.967	.832
	1.146	.798

MACH PROFIL I	EXT	I	INT
1	.186	53	.675
2	.280	54	.674
3	.397	55	.678
4	.513	56	.683
5	.604	57	.690
6	.651	58	.697
7	.685	59	.706
8	.715	60	.716
9	.737	61	.728
10	.788	62	.742
11	.816	63	.755
12	.850	64	.768
13	.946	65	.784
14	1.020	66	.802
15	1.098	67	.821
16	1.157	68	.841
17	1.188	69	.860
18	1.204	70	.877
19	1.214	71	.894
20	1.221	72	.904
21	1.224	73	.906
22	1.240	74	.905
23	1.234	75	.897
24	1.234	76	.889
25	1.235	77	.876
26	1.235	78	.862
27	1.236	79	.845
28	1.237	80	.830
29	1.240	81	.817
30	1.243	82	.804
31	1.247	83	.790
32	1.256	84	.778
33	1.263	85	.766
34	1.268	86	.757
35	1.271	87	.740
36	1.072	88	.723
37	.987	89	.702
38	.961	90	.685
39	.950	91	.680
40	.939	92	.675
41	.924	93	.660
42	.904	94	.652
43	.881	95	.644
44	.855	96	.643
45	.828	97	.654
46	.800	98	.649
47	.774	99	.680
48	.750	100	.619
49	.729	101	.482
50	.709	102	.330
51	.692	103	.201
52	.679		

T(K) I	TPR
1	116.8
2	115.4
3	114.9
4	115.9
5	115.3
6	115.4
7	116.2
8	117.2
9	118.6
10	117.1
11	116.5
12	116.8
13	116.9
14	116.8
15	116.3
16	116.7
17	115.1
18	115.3
19	117.8

I	TPG
1	119.4
2	119.4
3	119.5
4	119.0
5	118.6

REFERENCE PROFIL
.759
.760
.758
.759

```
******************************   FICHIER AD312      N0(IT)=  5
 1/ 4/85 14H40 M=.754  PI=1.7  TI=TA   I=-2.00  (RM  )  AD312
DE  AD253  4'ITER
-------------------------------------------------------------------------------
        MACH DE REFERENCE= .7625      UINF=  248.437 M/S
                          TIV=294.8 K      PIV=  1689 MB
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MACH PAROIS I	HAUT	BAS		I	HAUT	BAS	MACH PROFIL I	EXT	I	INT	T(K) I	TPR
1	.762	.760	PRISES DOUBLES				1	.239	53	.691	1	288.6
2	.759	.762					2	.046	54	.693	2	290.3
3	.759	.759		59	.758	.758	3	.098	55	.698	3	290.5
4	.760	.760		60	.766	.762	4	.206	56	.705	4	290.3
5	.759	.762		61	.762	.756	5	.294	57	.713	5	290.1
6	.759	.762					6	.364	58	.722	6	289.9
7	.758	.759	PRISES LAT. GAUCHES				7	.415	59	.731	7	289.9
8	.762	.759					8	.458	60	.742	8	290.4
9	.763	.764		62	.759	.762	9	.497	61	.755	9	291.5
10	.762	.756		63	.758	.763	10	.539	62	.770	10	291.0
11	.761	.760		64	.760	.759	11	.576	63	.785	11	290.3
12	.757	.761		65	.757	.759	12	.620	64	.801	12	289.8
13	.761	.757		66	.774	.771	13	.719	65	.818	13	290.1
14	.757	.758		67	.790	.815	14	.805	66	.838	14	290.3
15	.759	.760		68	.790	.818	15	.860	67	.862	15	290.0
16	.759	.759		69	.788	.792	16	.905	68	.885	16	291.4
17	.760	.756		70	.782	.756	17	.926	69	.913	17	291.1
18	.763	.749		71	.766	.748	18	.939	70	.941	18	291.3
19	.757	.749		72	.761	.756	19	.939	71	.968	19	291.4
20	.757	.752		73	.767	.767	20	.938	72	.993		
21	.758	.751					21	.944	73	1.012	I	TPG
22	.760	.748	PRISES LAT. DROITES				22	.957	74	1.027		
23	.766	.748					23	.954	75	1.028	1	294.9
24	.769	.758		74	.759	.762	24	.957	76	1.022	2	294.9
25	.773	.774		75	.760	.760	25	.959	77	1.008	3	294.8
26	.777	.785		76	.761	.758	26	.962	78	.992	4	294.8
27	.781	.797		77	.759	.757	27	.967	79	.974	5	294.8
28	.786	.812		78	.764	.758	28	.973	80	.960		
29	.789	.821		79	.758	.748	29	.979	81	.948		
30	.789	.826		80	.759	.751	30	.986	82	.939		
31	.791	.823		81	.768	.751	31	.992	83	.932		
32	.790	.830		82	.772	.773	32	1.000	84	.924		
33	.792	.825		83	.782	.795	33	1.006	85	.916		
34	.787	.815		84	.791	.813	34	1.015	86	.919		
35	.786	.810		85	.790	.821	35	1.023	87	.914		
36	.787	.802		86	.789	.821	36	1.033	88	.909		
37	.786	.792		87	.787	.811	37	1.034	89	.904		
38	.786	.779		88	.787	.794	38	1.025	90	.895		
39	.788	.768		89	.788	.771	39	1.004	91	.902		
40	.784	.763		90	.781	.758	40	.978	92	.883		
41	.782	.757		91	.770	.752	41	.950	93	.867		
42	.781	.754		92	.767	.749	42	.923	94	.889		
43	.775	.750		93	.760	.754	43	.893	95	1.130		
44	.768	.749		94	.763	.756	44	.860	96	1.033		
45	.765	.748		95	.763	.759	45	.830	97	1.205		
46	.765	.748		96	.767	.759	46	.800	98	1.213		
47	.768	.749					47	.773	99	1.294		
48	.766	.751					48	.749	100	1.162		
49	.764	.754					49	.729	101	.921		
50	.761	.756					50	.713	102	.718		
51	.761	.756					51	.701	103	.573		
52	.764	.758		PRISES COL			52	.690				
53	.766	.760										
54	.765	.762		.828	1.201		REFERENCE PROFIL					
55	.765	.761		.867	.879		.762					
56	.764	.761		.822	.838		.762					
57	.765	.758		.970	.807		.762					
58	.764	.751		1.137	.777		.762					

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**********************************   FICHIER AD313      N0(IT)=  4
 1/ 4/85 15H15  M=.761  PI=2.9  TI=TA   I=-2.00  (RM  )  AD313
DE  AD312  4'ITER
-------------------------------------------------------------------------------
        MACH DE REFERENCE= .7645       UINF=  250.200 M/S
                    TIV=297.6 K        PIV=  2978 MB
      ***************************************************************************
```

MACH PAROIS						MACH PROFIL				T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.761	.760	PRISES DOUBLES			1	.230	53	.683	1	291.5
2	.754	.760				2	.026	54	.685	2	292.9
3	.757	.757	59	.754	.753	3	.091	55	.691	3	293.0
4	.764	.765	60	.766	.762	4	.205	56	.698	4	292.7
5	.764	.769	61	.766	.760	5	.296	57	.707	5	292.4
6	.757	.761				6	.364	58	.717	6	292.2
7	.755	.755	PRISES LAT. GAUCHES			7	.416	59	.726	7	292.1
8	.764	.761				8	.460	60	.737	8	292.9
9	.768	.771	62	.759	.765	9	.499	61	.751	9	294.1
10	.762	.755	63	.764	.765	10	.544	62	.765	10	293.6
11	.761	.761	64	.762	.760	11	.582	63	.781	11	292.9
12	.760	.766	65	.762	.749	12	.624	64	.796	12	292.3
13	.765	.760	66	.774	.776	13	.722	65	.815	13	292.5
14	.759	.756	67	.796	.810	14	.812	66	.835	14	292.9
15	.759	.757	68	.795	.815	15	.869	67	.858	15	292.8
16	.762	.759	69	.791	.792	16	.912	68	.883	16	293.7
17	.762	.757	70	.784	.758	17	.935	69	.909	17	293.6
18	.764	.754	71	.767	.750	18	.946	70	.936	18	293.5
19	.759	.754	72	.762	.755	19	.944	71	.963	19	293.7
20	.762	.753	73	.772	.768	20	.944	72	.987		
21	.764	.751				21	.949	73	1.004	I	TPG
22	.766	.751	PRISES LAT. DROITES			22	.965	74	1.013		
23	.770	.752				23	.960	75	1.017	1	297.6
24	.769	.761	74	.759	.764	24	.962	76	1.012	2	297.7
25	.773	.778	75	.756	.756	25	.964	77	1.000	3	297.7
26	.777	.788	76	.761	.758	26	.966	78	.985	4	297.6
27	.786	.797	77	.759	.757	27	.972	79	.968	5	297.6
28	.789	.809	78	.762	.758	28	.978	80	.954		
29	.795	.815	79	.758	.752	29	.985	81	.943		
30	.795	.820	80	.765	.751	30	.991	82	.935		
31	.798	.817	81	.771	.754	31	.997	83	.927		
32	.796	.823	82	.773	.777	32	1.007	84	.921		
33	.799	.820	83	.784	.795	33	1.013	85	.918		
34	.792	.811	84	.796	.811	34	1.022	86	.919		
35	.791	.807	85	.797	.818	35	1.031	87	.914		
36	.791	.799	86	.794	.816	36	1.046	88	.909		
37	.789	.790	87	.791	.807	37	1.053	89	.905		
38	.788	.779	88	.790	.791	38	1.038	90	.897		
39	.790	.770	89	.789	.771	39	1.015	91	.909		
40	.786	.765	90	.783	.759	40	.988	92	.894		
41	.784	.759	91	.774	.754	41	.960	93	.882		
42	.783	.755	92	.769	.750	42	.931	94	.876		
43	.778	.751	93	.763	.755	43	.902	95	.924		
44	.774	.750	94	.765	.754	44	.870	96	.896		
45	.770	.749	95	.762	.757	45	.839	97	1.246		
46	.768	.749	96	.770	.757	46	.807	98	1.257		
47	.769	.751				47	.778	99	1.335		
48	.767	.752				48	.753	100	1.163		
49	.767	.755				49	.730	101	.920		
50	.765	.758				50	.711	102	.716		
51	.763	.755				51	.695	103	.574		
52	.767	.762	PRISES COL			52	.682				
53	.767	.762									
54	.763	.762	.825	1.198		REFERENCE PROFIL					
55	.765	.764	.865	1.230		.760					
56	.767	.766	.919	1.340		.762					
57	.769	.759	.967	.898		.761					
58	.769	.744	1.136	.851		.762					

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******************************   FICHIER AD314      N0(IT)=  4
 1/ 4/85 16H15  M=.762  PI=2.0  TI=155  I=-2.00  (RMPT)  AD314
DE  AD313  4'ITER
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MACH DE REFERENCE= .7715 UINF= 182.836 M/S
TIV=156.3 K PIV= 1966 MB

MACH PAROIS						MACH PROFIL				T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.767	.763	PRISES DOUBLES			1	.232	53	.679	1	151.6
2	.765	.770				2	.024	54	.682	2	152.3
3	.765	.765	59	.766	.762	3	.106	55	.688	3	151.8
4	.765	.765	60	.772	.771	4	.215	56	.696	4	152.3
5	.763	.768	61	.769	.764	5	.307	57	.704	5	152.0
6	.764	.767				6	.371	58	.714	6	151.7
7	.765	.765	PRISES LAT. GAUCHES			7	.425	59	.725	7	151.6
8	.769	.763				8	.469	60	.737	8	152.5
9	.769	.771	62	.764	.770	9	.506	61	.751	9	153.6
10	.769	.763	63	.765	.774	10	.589	62	.766	10	152.5
11	.764	.771	64	.768	.766	11	.590	63	.781	11	152.0
12	.760	.771	65	.768	.751	12	.632	64	.798	12	152.0
13	.765	.764	66	.785	.778	13	.731	65	.817	13	152.1
14	.764	.763	67	.804	.821	14	.827	66	.839	14	152.2
15	.763	.764	68	.805	.824	15	.878	67	.863	15	151.7
16	.764	.762	69	.800	.796	16	.925	68	.888	16	152.9
17	.768	.762	70	.793	.762	17	.949	69	.915	17	151.5
18	.775	.761	71	.773	.754	18	.960	70	.942	18	151.3
19	.768	.758	72	.769	.765	19	.957	71	.972	19	154.0
20	.768	.755	73	.774	.773	20	.957	72	.998		
21	.765	.753				21	.961	73	1.018	I	TPG
22	.769	.755	PRISES LAT. DROITES			22	.983	74	1.037		
23	.773	.757				23	.974	75	1.037	1	156.5
24	.777	.764	74	.764	.770	24	.976	76	1.028	2	156.5
25	.784	.779	75	.769	.765	25	.979	77	1.013	3	155.9
26	.789	.791	76	.767	.767	26	.981	78	.994	4	155.5
27	.797	.803	77	.762	.763	27	.987	79	.976	5	155.1
28	.800	.819	78	.766	.764	28	.994	80	.961		
29	.803	.826	79	.769	.757	29	1.002	81	.950		
30	.803	.832	80	.766	.753	30	1.008	82	.941		
31	.806	.829	81	.775	.759	31	1.015	83	.932		
32	.805	.836	82	.784	.778	32	1.026	84	.925		
33	.809	.830	83	.795	.800	33	1.033	85	.919		
34	.802	.819	84	.804	.820	34	1.043	86	.924		
35	.800	.812	85	.805	.828	35	1.054	87	.918		
36	.800	.803	86	.803	.823	36	1.071	88	.912		
37	.799	.792	87	.800	.811	37	1.086	89	.907		
38	.798	.780	88	.799	.794	38	1.105	90	.899		
39	.798	.772	89	.798	.774	39	1.096	91	.913		
40	.794	.768	90	.790	.763	40	.996	92	.901		
41	.791	.761	91	.780	.757	41	.969	93	.890		
42	.791	.758	92	.775	.755	42	.941	94	.888		
43	.787	.754	93	.768	.761	43	.913	95	.899		
44	.780	.752	94	.771	.763	44	.880	96	.895		
45	.777	.752	95	.771	.772	45	.849	97	1.255		
46	.774	.752	96	.773	.772	46	.817	98	1.295		
47	.774	.756				47	.787	99	1.339		
48	.774	.758				48	.760	100	1.159		
49	.772	.762				49	.734	101	.917		
50	.769	.763				50	.713	102	.739		
51	.769	.765				51	.694	103	.572		
52	.771	.767	PRISES COL			52	.677				
53	.773	.766									
54	.772	.767	.833	1.204		REFERENCE PROFIL					
55	.773	.768	.874	.891		.765					
56	.771	.769	.927	.847		.766					
57	.771	.768	.972	.814		.765					
58	.772	.771	1.147	.780		.766					

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**********************************   FICHIER AD315      N0(IT)=  4
 1/ 4/85 17H15  M=.757  PI=2.5  TI=120K I=-2.00  (RMPT)  AD315
DE  AD314  4'ITER
--------------------------------------------------------------------------------
        MACH DE REFERENCE= .7646      UINF=  158.809 M/S
                          TIV=119.9 K      PIV=  2473 MB
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I	MACH PAROIS HAUT	BAS	I	HAUT	BAS
1	.765	.761	PRISES DOUBLES		
2	.762	.768			
3	.763	.762	59	.760	.758
4	.765	.764	60	.768	.768
5	.763	.766	61	.763	.759
6	.760	.763			
7	.760	.760	PRISES LAT. GAUCHES		
8	.762	.759			
9	.764	.770	62	.762	.768
10	.765	.760	63	.762	.771
11	.763	.769	64	.763	.763
12	.759	.770	65	.765	.747
13	.766	.761	66	.778	.773
14	.762	.758	67	.794	.811
15	.759	.759	68	.798	.819
16	.760	.759	69	.795	.793
17	.763	.758	70	.787	.756
18	.771	.756	71	.770	.749
19	.762	.753	72	.763	.759
20	.765	.751	73	.771	.769
21	.760	.749			
22	.767	.751	PRISES LAT. DROITES		
23	.770	.752			
24	.769	.759	74	.762	.768
25	.776	.773	75	.763	.761
26	.779	.784	76	.763	.764
27	.787	.793	77	.760	.760
28	.788	.807	78	.761	.760
29	.793	.814	79	.763	.754
30	.792	.820	80	.762	.749
31	.797	.817	81	.772	.753
32	.796	.825	82	.777	.771
33	.802	.821	83	.787	.791
34	.795	.812	84	.794	.810
35	.794	.806	85	.795	.818
36	.795	.799	86	.796	.816
37	.793	.788	87	.795	.809
38	.793	.776	88	.793	.791
39	.792	.766	89	.792	.767
40	.787	.762	90	.783	.755
41	.784	.754	91	.772	.752
42	.784	.751	92	.771	.750
43	.779	.747	93	.765	.757
44	.772	.747	94	.765	.758
45	.769	.747	95	.765	.766
46	.767	.748	96	.767	.766
47	.772	.752			
48	.772	.753			
49	.769	.758			
50	.766	.759			
51	.763	.759			
52	.765	.763	PRISES COL		
53	.768	.763			
54	.767	.764	.825	1.199	
55	.770	.766	.868	1.231	
56	.768	.768	.921	.941	
57	.769	.764	.968	.867	
58	.768	.764	1.147	.832	

I	MACH PROFIL EXT	I	INT
1	.260	53	.673
2	.021	54	.676
3	.102	55	.682
4	.208	56	.690
5	.303	57	.699
6	.369	58	.708
7	.422	59	.719
8	.465	60	.731
9	.503	61	.745
10	.583	62	.760
11	.591	63	.776
12	.629	64	.792
13	.723	65	.810
14	.815	66	.832
15	.870	67	.854
16	.914	68	.880
17	.937	69	.906
18	.950	70	.933
19	.949	71	.960
20	.949	72	.984
21	.954	73	1.001
22	.968	74	1.014
23	.963	75	1.012
24	.965	76	1.007
25	.968	77	.995
26	.970	78	.979
27	.976	79	.962
28	.982	80	.948
29	.989	81	.937
30	.996	82	.928
31	1.001	83	.920
32	1.012	84	.913
33	1.019	85	.908
34	1.028	86	.910
35	1.039	87	.905
36	1.054	88	.900
37	1.067	89	.894
38	1.077	90	.887
39	1.021	91	.900
40	.995	92	.895
41	.967	93	.882
42	.937	94	.886
43	.908	95	.881
44	.877	96	.898
45	.846	97	1.038
46	.814	98	1.381
47	.784	99	1.336
48	.756	100	1.154
49	.731	101	.905
50	.708	102	.703
51	.688	103	.558
52	.670		

REFERENCE PROFIL
.760
.761
.760
.761

I	T(K) TPR
1	116.4
2	116.5
3	116.2
4	117.0
5	116.7
6	116.6
7	116.6
8	117.6
9	119.1
10	117.2
11	116.9
12	116.7
13	116.4
14	116.3
15	115.9
16	117.8
17	116.4
18	116.4
19	119.0

I	TPG
1	119.3
2	119.2
3	119.4
4	119.1
5	118.8

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******************************   FICHIER AD316      N0(IT)=  4
 2/ 4/85  9H30  M=.761  PI=2.5  TI=300K I=+2.00  (RM  )  AD316
DE  AD260  4'ITER
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MACH DE REFERENCE= .7696 UINF= 250.489 M/S
TIV=294.7 K PIV= 2490 MB

MACH PAROIS I	HAUT	BAS		MACH PAROIS I	HAUT	BAS	MACH PROFIL I	EXT	I	INT	T(K) I	TPR
1	.773	.756	PRISES DOUBLES				1	.126	53	.737	1	290.7
2	.773	.763					2	.343	54	.722	2	288.3
3	.773	.761	59	.767	.758		3	.463	55	.719	3	287.8
4	.769	.762	60	.774	.762		4	.577	56	.719	4	287.3
5	.765	.764	61	.773	.758		5	.672	57	.722	5	287.3
6	.766	.763					6	.720	58	.728	6	288.2
7	.767	.759	PRISES LAT. GAUCHES				7	.750	59	.731	7	289.7
8	.768	.757					8	.774	60	.740	8	289.9
9	.768	.763	62	.770	.765		9	.800	61	.750	9	291.4
10	.770	.755	63	.770	.765		10	.832	62	.762	10	291.0
11	.768	.762	64	.773	.755		11	.864	63	.774	11	290.6
12	.763	.762	65	.788	.728		12	.903	64	.787	12	290.5
13	.769	.757	66	.821	.722		13	.992	65	.802	13	290.9
14	.767	.758	67	.854	.754		14	1.117	66	.816	14	291.5
15	.768	.758	68	.855	.773		15	1.205	67	.834	15	291.8
16	.768	.756	69	.838	.766		16	1.220	68	.853	16	289.7
17	.773	.752	70	.814	.748		17	1.253	69	.871	17	288.9
18	.782	.745	71	.786	.746		18	1.271	70	.888	18	289.4
19	.779	.741	72	.775	.760		19	1.274	71	.902	19	289.7
20	.783	.737	73	.758	.773		20	1.275	72	.911		
21	.788	.731					21	1.276	73	.911	I	TPG
22	.798	.722	PRISES LAT. DROITES				22	1.294	74	.908		
23	.807	.715					23	1.290	75	.898	1	294.7
24	.812	.715	74	.770	.764		24	1.295	76	.887	2	294.7
25	.821	.723	75	.769	.761		25	1.298	77	.872	3	294.8
26	.829	.728	76	.769	.759		26	1.300	78	.856	4	294.7
27	.842	.734	77	.766	.755		27	1.306	79	.838	5	294.7
28	.849	.746	78	.772	.753		28	1.310	80	.821		
29	.855	.756	79	.779	.740		29	1.317	81	.806		
30	.856	.763	80	.789	.731		30	1.321	82	.791		
31	.861	.764	81	.809	.717		31	1.323	83	.776		
32	.859	.774	82	.820	.723		32	1.329	84	.762		
33	.861	.775	83	.840	.734		33	1.273	85	.751		
34	.850	.772	84	.855	.754		34	1.097	86	.739		
35	.844	.771	85	.858	.766		35	1.031	87	.721		
36	.840	.769	86	.854	.772		36	1.004	88	.699		
37	.834	.764	87	.844	.771		37	.984	89	.675		
38	.829	.759	88	.836	.764		38	.965	90	.655		
39	.826	.754	89	.825	.753		39	.946	91	.645		
40	.818	.752	90	.813	.747		40	.926	92	.633		
41	.813	.748	91	.797	.745		41	.908	93	.619		
42	.811	.746	92	.789	.747		42	.889	94	.609		
43	.804	.742	93	.779	.756		43	.873	95	.598		
44	.796	.741	94	.778	.759		44	.858	96	.599		
45	.792	.741	95	.776	.752		45	.844	97	.584		
46	.789	.743	96	.760	.753		46	.829	98	.584		
47	.788	.747					47	.817	99	.592		
48	.785	.751					48	.807	100	.530		
49	.782	.756					49	.796	101	.405		
50	.777	.758					50	.784	102	.259		
51	.776	.759					51	.774	103	.130		
52	.774	.761	PRISES COL				52	.759				
53	.779	.764										
54	.780	.768		.840	1.211		REFERENCE PROFIL					
55	.779	.766		.877	1.234			.765				
56	.773	.765		.931	1.040			.766				
57	.763	.756		.977	.892			.765				
58	.740	.737		1.146	.848			.765				

********** FICHIER AD317 N0(IT)= 4
2/ 4/85 10H25 M=.756 PI=2.0 TI=155K I=+2 (RMPT) AD317
DE AD316 4'ITE

MACH DE REFERENCE= .7647 UINF= 180.428 M/S
TIV=154.7 K PIV= 1986 MB

MACH PAROIS						MACH PROFIL				T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.769	.751	PRISES DOUBLES			1	.142	53	.710	1	151.0
2	.769	.760				2	.362	54	.699	2	149.5
3	.767	.754	59	.763	.754	3	.482	55	.697	3	148.8
4	.761	.753	60	.769	.760	4	.593	56	.699	4	149.6
5	.757	.755	61	.766	.756	5	.691	57	.703	5	149.0
6	.760	.757				6	.729	58	.709	6	149.2
7	.762	.756	PRISES LAT. GAUCHES			7	.760	59	.713	7	150.4
8	.762	.752				8	.784	60	.722	8	151.2
9	.761	.758	62	.763	.759	9	.807	61	.733	9	152.5
10	.766	.753	63	.762	.764	10	.843	62	.746	10	151.4
11	.764	.759	64	.769	.750	11	.872	63	.758	11	151.1
12	.759	.757	65	.784	.724	12	.911	64	.770	12	151.3
13	.766	.750	66	.821	.715	13	.994	65	.785	13	151.5
14	.765	.751	67	.847	.748	14	1.128	66	.799	14	151.5
15	.765	.753	68	.851	.764	15	1.219	67	.818	15	151.2
16	.764	.750	69	.838	.755	16	1.240	68	.838	16	151.4
17	.770	.746	70	.816	.743	17	1.264	69	.856	17	149.0
18	.779	.739	71	.781	.742	18	1.278	70	.872	18	149.2
19	.773	.735	72	.773	.756	19	1.281	71	.887	19	152.7
20	.777	.732	73	.764	.768	20	1.279	72	.894		
21	.780	.726				21	1.281	73	.893	I	TPG
22	.792	.717	PRISES LAT. DROITES			22	1.302	74	.889		
23	.802	.710				23	1.293	75	.880	1	154.6
24	.809	.707	74	.763	.760	24	1.297	76	.870	2	154.9
25	.821	.713	75	.766	.758	25	1.299	77	.856	3	154.1
26	.828	.719	76	.765	.756	26	1.301	78	.840	4	153.8
27	.839	.726	77	.763	.750	27	1.308	79	.823	5	153.6
28	.844	.739	78	.768	.747	28	1.311	80	.807		
29	.848	.749	79	.774	.734	29	1.316	81	.792		
30	.849	.757	80	.781	.726	30	1.322	82	.778		
31	.855	.756	81	.805	.712	31	1.325	83	.763		
32	.854	.765	82	.821	.714	32	1.332	84	.750		
33	.858	.763	83	.839	.725	33	1.337	85	.735		
34	.848	.759	84	.848	.747	34	1.335	86	.729		
35	.843	.758	85	.851	.758	35	1.164	87	.710		
36	.841	.755	86	.850	.760	36	1.049	88	.688		
37	.836	.751	87	.843	.758	37	1.012	89	.663		
38	.831	.746	88	.836	.751	38	.986	90	.643		
39	.827	.743	89	.828	.743	39	.963	91	.632		
40	.820	.741	90	.812	.741	40	.938	92	.626		
41	.814	.738	91	.795	.741	41	.914	93	.610		
42	.813	.737	92	.783	.744	42	.892	94	.601		
43	.803	.735	93	.774	.750	43	.871	95	.587		
44	.793	.737	94	.775	.754	44	.851	96	.588		
45	.788	.738	95	.769	.761	45	.832	97	.587		
46	.784	.740	96	.764	.760	46	.814	98	.570		
47	.782	.744				47	.798	99	.575		
48	.781	.746				48	.780	100	.511		
49	.778	.750				49	.766	101	.389		
50	.774	.752				50	.752	102	.244		
51	.773	.756				51	.736	103	.115		
52	.768	.758	PRISES COL			52	.725				
53	.772	.760									
54	.772	.762	.838	1.208		REFERENCE PROFIL					
55	.772	.761	.880	.876		.759					
56	.767	.761	.934	.842		.761					
57	.763	.759	.979	.815		.759					
58	.755	.758	1.155	.781		.759					

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*****************************   FICHIER AD318      N0(IT)=  4
 2/ 4/85 12H 0  M=.757 PI=1.7 TI=155K I=+2 (RM T) AD318
DE  AD317 4'ITE
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MACH DE REFERENCE= .7630 UINF= 179.976 M/S
TIV=154.5 K PIV= 1673 MB

MACH PAROIS I	HAUT	BAS	I	HAUT	BAS
1	.769	.752	PRISES DOUBLES		
2	.769	.760			
3	.767	.755	59	.763	.755
4	.762	.755	60	.768	.759
5	.759	.757	61	.766	.753
6	.761	.759			
7	.763	.757	PRISES LAT. GAUCHES		
8	.762	.752			
9	.762	.758	62	.763	.760
10	.765	.752	63	.758	.762
11	.763	.759	64	.771	.751
12	.759	.758	65	.784	.725
13	.765	.752	66	.820	.712
14	.766	.754	67	.846	.745
15	.768	.755	68	.851	.765
16	.767	.752	69	.837	.757
17	.771	.747	70	.811	.739
18	.777	.738	71	.781	.742
19	.772	.734	72	.772	.755
20	.777	.733	73	.765	.765
21	.781	.727			
22	.793	.716	PRISES LAT. DROITES		
23	.802	.707			
24	.809	.705	74	.764	.760
25	.819	.712	75	.766	.757
26	.827	.716	76	.764	.755
27	.837	.723	77	.763	.752
28	.842	.736	78	.770	.749
29	.846	.745	79	.773	.734
30	.847	.754	80	.783	.727
31	.854	.754	81	.805	.710
32	.854	.765	82	.819	.712
33	.858	.766	83	.837	.723
34	.849	.761	84	.847	.743
35	.844	.761	85	.851	.755
36	.841	.757	86	.850	.761
37	.834	.752	87	.844	.760
38	.829	.746	88	.837	.752
39	.823	.740	89	.825	.741
40	.816	.738	90	.808	.736
41	.810	.733	91	.792	.736
42	.808	.732	92	.782	.743
43	.800	.731	93	.773	.751
44	.791	.732	94	.774	.753
45	.786	.733	95	.769	.762
46	.783	.738	96	.764	.761
47	.782	.744			
48	.780	.748			
49	.777	.752			
50	.773	.753			
51	.772	.755			
52	.768	.756			
53	.771	.756			
54	.771	.758			
55	.771	.758			
56	.766	.758			
57	.763	.758			
58	.755	.760			

PRISES COL

.836	1.180
.875	.868
.929	.834
.974	.811
1.148	.775

MACH PROFIL I	EXT	I	INT
1	.163	53	.707
2	.360	54	.696
3	.482	55	.695
4	.594	56	.697
5	.689	57	.702
6	.731	58	.707
7	.761	59	.713
8	.784	60	.721
9	.807	61	.733
10	.842	62	.745
11	.873	63	.758
12	.912	64	.770
13	.997	65	.784
14	1.139	66	.802
15	1.212	67	.820
16	1.231	68	.837
17	1.259	69	.855
18	1.275	70	.871
19	1.279	71	.884
20	1.278	72	.892
21	1.279	73	.892
22	1.300	74	.888
23	1.294	75	.879
24	1.294	76	.869
25	1.297	77	.855
26	1.299	78	.839
27	1.304	79	.822
28	1.309	80	.806
29	1.314	81	.791
30	1.320	82	.777
31	1.324	83	.762
32	1.330	84	.749
33	1.336	85	.734
34	1.336	86	.727
35	1.151	87	.709
36	1.045	88	.687
37	1.011	89	.661
38	.985	90	.642
39	.961	91	.632
40	.936	92	.624
41	.912	93	.607
42	.889	94	.597
43	.866	95	.585
44	.845	96	.587
45	.825	97	.586
46	.808	98	.567
47	.790	99	.573
48	.775	100	.510
49	.760	101	.389
50	.747	102	.246
51	.735	103	.126
52	.721		

REFERENCE PROFIL

.760
.759
.758
.759

T(K) I	TPR
1	150.9
2	149.7
3	148.9
4	149.3
5	148.9
6	149.1
7	150.2
8	150.6
9	151.7
10	151.2
11	150.8
12	151.0
13	151.3
14	151.4
15	151.2
16	151.5
17	149.3
18	149.6
19	152.7

I	TPG
1	154.5
2	154.6
3	154.3
4	153.9
5	153.7

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********************************   FICHIER AD320      N0(IT)=  4
 2/ 4/85 16H35  M=.756 PI=2.5 TI=120  I=+2 (RMPT) AD320
DE  AD317 4'ITE
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        MACH DE REFERENCE= .7669      UINF=  159.342 M/S
                          TIV=120.0 K      PIV=  2487 MB
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I	MACH PAROIS HAUT	MACH PAROIS BAS		I	MACH PROFIL HAUT	MACH PROFIL BAS
1	.772	.753	PRISES DOUBLES			
2	.772	.764				
3	.769	.758		59	.767	.758
4	.763	.758		60	.773	.762
5	.759	.760		61	.771	.757
6	.762	.761				
7	.767	.760	PRISES LAT. GAUCHES			
8	.767	.754				
9	.766	.761		62	.764	.764
10	.770	.754		63	.765	.765
11	.764	.762		64	.771	.753
12	.758	.761		65	.787	.727
13	.766	.754		66	.825	.718
14	.768	.753		67	.854	.751
15	.767	.756		68	.855	.769
16	.768	.753		69	.838	.757
17	.772	.749		70	.817	.743
18	.780	.741		71	.782	.744
19	.772	.738		72	.775	.758
20	.780	.737		73	.765	.772
21	.782	.731				
22	.796	.719	PRISES LAT. DROITES			
23	.805	.711				
24	.811	.709		74	.764	.764
25	.824	.715		75	.770	.761
26	.832	.721		76	.768	.758
27	.844	.728		77	.762	.753
28	.849	.741		78	.770	.750
29	.855	.751		79	.773	.737
30	.855	.759		80	.782	.730
31	.861	.759		81	.808	.712
32	.859	.768		82	.824	.715
33	.861	.767		83	.844	.729
34	.849	.763		84	.854	.751
35	.843	.761		85	.857	.762
36	.840	.757		86	.854	.764
37	.835	.752		87	.843	.762
38	.831	.748		88	.836	.754
39	.827	.744		89	.829	.745
40	.820	.743		90	.813	.741
41	.815	.738		91	.795	.741
42	.814	.737		92	.784	.747
43	.805	.736		93	.774	.753
44	.795	.737		94	.777	.756
45	.789	.738		95	.774	.762
46	.785	.742		96	.763	.760
47	.784	.748				
48	.782	.751				
49	.778	.754				
50	.775	.754				
51	.776	.758				
52	.774	.762	PRISES COL			
53	.778	.764				
54	.777	.767			.833	1.194
55	.777	.766			.861	.867
56	.770	.765			.918	.833
57	.765	.760			.973	.810
58	.756	.757			1.150	.778

I	MACH PROFIL EXT	I	MACH PROFIL INT
1	.184	53	.719
2	.345	54	.704
3	.467	55	.701
4	.587	56	.704
5	.681	57	.706
6	.722	58	.712
7	.753	59	.716
8	.777	60	.726
9	.797	61	.737
10	.846	62	.748
11	.865	63	.761
12	.900	64	.772
13	.986	65	.788
14	1.128	66	.801
15	1.210	67	.819
16	1.239	68	.838
17	1.259	69	.856
18	1.274	70	.872
19	1.279	71	.886
20	1.279	72	.894
21	1.279	73	.893
22	1.296	74	.891
23	1.292	75	.882
24	1.296	76	.871
25	1.299	77	.858
26	1.300	78	.842
27	1.306	79	.824
28	1.310	80	.808
29	1.315	81	.793
30	1.321	82	.779
31	1.324	83	.764
32	1.332	84	.750
33	1.335	85	.739
34	1.290	86	.726
35	1.163	87	.707
36	1.049	88	.685
37	1.000	89	.662
38	.979	90	.641
39	.952	91	.635
40	.930	92	.630
41	.909	93	.612
42	.887	94	.602
43	.867	95	.589
44	.849	96	.589
45	.832	97	.599
46	.816	98	.571
47	.798	99	.580
48	.783	100	.517
49	.771	101	.391
50	.758	102	.242
51	.743	103	.111
52	.732		

I	T(K) TPR
1	117.5
2	115.8
3	115.3
4	116.0
5	115.8
6	115.6
7	116.8
8	118.0
9	119.5
10	117.9
11	117.3
12	117.7
13	117.6
14	117.6
15	117.1
16	117.0
17	115.7
18	115.9
19	117.4

I	TPG
1	119.7
2	119.1
3	119.7
4	119.5
5	118.9

REFERENCE PROFIL

.759
.762
.760
.758

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****************************   FICHIER AD321      N0(IT)=  4
 3/ 4/85 11H60  M=.760 PI=1.7 TI=TA    I=+.25 (RM  ) AD321
DE  AD297 4'ITE
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MACH DE REFERENCE= .7619 UINF= 247.486 M/S
TIV=292.9 K PIV= 1779 MB

I	MACH PAROIS HAUT	BAS	I	HAUT	BAS	I	MACH PROFIL EXT	I	INT	I	T(K) TPR
1	.764	.754	PRISES DOUBLES			1	.058	53	.699	1	289.3
2	.764	.759				2	.200	54	.695	2	287.9
3	.764	.756	59	.759	.755	3	.319	55	.696	3	287.8
4	.762	.756	60	.766	.758	4	.426	56	.701	4	287.9
5	.761	.759	61	.765	.753	5	.518	57	.707	5	288.0
6	.760	.759				6	.574	58	.714	6	288.0
7	.759	.756	PRISES LAT. GAUCHES			7	.614	59	.721	7	288.3
8	.760	.754				8	.647	60	.732	8	289.0
9	.761	.759	62	.763	.760	9	.679	61	.743	9	290.1
10	.763	.753	63	.760	.760	10	.717	62	.757	10	289.7
11	.762	.757	64	.763	.752	11	.752	63	.771	11	289.2
12	.759	.757	65	.773	.733	12	.795	64	.785	12	289.0
13	.763	.753	66	.793	.736	13	.893	65	.801	13	289.3
14	.760	.753	67	.818	.772	14	1.006	66	.818	14	289.8
15	.761	.754	68	.814	.782	15	1.052	67	.840	15	290.0
16	.761	.753	69	.804	.768	16	1.103	68	.860	16	289.3
17	.764	.750	70	.796	.744	17	1.130	69	.883	17	288.5
18	.768	.745	71	.769	.742	18	1.142	70	.905	18	288.9
19	.765	.743	72	.767	.755	19	1.149	71	.924	19	289.2
20	.769	.739	73	.765	.763	20	1.150	72	.938		
21	.773	.735				21	1.150	73	.943	I	TPG
22	.779	.731	PRISES LAT. DROITES			22	1.158	74	.944		
23	.786	.727				23	1.156	75	.938	1	293.0
24	.789	.729	74	.762	.759	24	1.154	76	.928	2	293.1
25	.794	.738	75	.761	.757	25	1.149	77	.914	3	293.0
26	.800	.744	76	.761	.755	26	1.145	78	.899	4	293.0
27	.809	.753	77	.760	.752	27	1.141	79	.881	5	293.0
28	.814	.766	78	.762	.751	28	1.123	80	.865		
29	.818	.776	79	.766	.741	29	1.029	81	.851		
30	.817	.782	80	.774	.735	30	1.006	82	.839		
31	.818	.781	81	.786	.728	31	1.016	83	.827		
32	.816	.789	82	.791	.736	32	1.035	84	.814		
33	.816	.787	83	.806	.752	33	1.050	85	.803		
34	.808	.780	84	.818	.770	34	1.062	86	.796		
35	.806	.778	85	.817	.781	35	1.071	87	.783		
36	.805	.773	86	.812	.782	36	1.071	88	.767		
37	.803	.766	87	.806	.778	37	1.041	89	.750		
38	.803	.759	88	.804	.767	38	1.023	90	.738		
39	.804	.752	89	.803	.753	39	.998	91	.733		
40	.800	.749	90	.795	.745	40	.969	92	.725		
41	.797	.744	91	.780	.742	41	.939	93	.716		
42	.796	.742	92	.772	.744	42	.909	94	.714		
43	.789	.740	93	.765	.751	43	.878	95	.708		
44	.781	.740	94	.768	.754	44	.846	96	.714		
45	.776	.739	95	.765	.758	45	.817	97	.713		
46	.773	.740	96	.766	.758	46	.790	98	.753		
47	.771	.744				47	.767	99	.802		
48	.769	.747				48	.749	100	.743		
49	.768	.751				49	.735	101	.594		
50	.766	.755				50	.724	102	.433		
51	.767	.755				51	.715	103	.298		
52	.766	.754	PRISES COL			52	.707				
53	.769	.756									
54	.767	.758	.832	.953		REFERENCE PROFIL					
55	.767	.758	.872	.849		.761					
56	.765	.759	.924	.818		.762					
57	.763	.756	.970	.789		.761					
58	.760	.752	1.135	.759		.759					

********** FICHIER AD322 NO(IT)= 4
3/ 4/85 13H50 M=.77 PI=1.7 TI=TA I=+.25 (RM) AD322
DE AD321 4'ITE

MACH DE REFERENCE= .7729 UINF= 251.372 M/S
TIV=294.6 K PIV= 1716 MB

I	MACH PAROIS HAUT	BAS		I	HAUT	BAS		I	MACH PROFIL EXT	I	INT		I	T(K) TPR
1	.776	.766	* PRISES DOUBLES				*	1	.053	53	.710	*	1	290.3
2	.776	.771	*				*	2	.193	54	.706	*	2	289.1
3	.776	.768	*	59	.771	.767	*	3	.310	55	.707	*	3	288.8
4	.773	.768	*	60	.777	.769	*	4	.420	56	.712	*	4	288.6
5	.772	.771	*	61	.775	.764	*	5	.512	57	.717	*	5	288.6
6	.771	.771	*				*	6	.569	58	.725	*	6	289.0
7	.771	.768	* PRISES LAT. GAUCHES				*	7	.609	59	.734	*	7	289.3
8	.771	.766	*				*	8	.643	60	.743	*	8	290.1
9	.772	.770	*	62	.775	.771	*	9	.676	61	.756	*	9	291.1
10	.774	.763	*	63	.770	.772	*	10	.713	62	.769	*	10	290.7
11	.773	.768	*	64	.774	.764	*	11	.751	63	.784	*	11	290.1
12	.769	.768	*	65	.783	.744	*	12	.792	64	.798	*	12	290.1
13	.774	.765	*	66	.809	.743	*	13	.894	65	.815	*	13	290.4
14	.771	.766	*	67	.832	.785	*	14	1.005	66	.833	*	14	290.8
15	.773	.767	*	68	.829	.798	*	15	1.054	67	.855	*	15	290.9
16	.772	.765	*	69	.820	.782	*	16	1.106	68	.877	*	16	289.6
17	.775	.762	*	70	.809	.755	*	17	1.136	69	.901	*	17	289.2
18	.779	.755	*	71	.781	.753	*	18	1.149	70	.925	*	18	289.3
19	.776	.752	*	72	.776	.764	*	19	1.158	71	.946	*	19	289.6
20	.780	.749	*	73	.771	.776	*	20	1.162	72	.961	*		
21	.784	.746	*				*	21	1.162	73	.968	*	I	TPG
22	.790	.742	* PRISES LAT. DROITES				*	22	1.174	74	.969	*		
23	.798	.737	*				*	23	1.172	75	.960	*	1	294.6
24	.803	.737	*	74	.774	.771	*	24	1.174	76	.950	*	2	294.7
25	.809	.746	*	75	.773	.770	*	25	1.172	77	.935	*	3	294.6
26	.816	.753	*	76	.773	.766	*	26	1.172	78	.917	*	4	294.6
27	.825	.763	*	77	.772	.764	*	27	1.174	79	.899	*	5	294.6
28	.829	.778	*	78	.773	.763	*	28	1.175	80	.881	*		
29	.833	.789	*	79	.777	.750	*	29	1.178	81	.867	*		
30	.832	.797	*	80	.785	.745	*	30	1.179	82	.854	*		
31	.835	.797	*	81	.799	.739	*	31	1.179	83	.841	*		
32	.832	.805	*	82	.808	.745	*	32	1.179	84	.828	*		
33	.833	.803	*	83	.822	.762	*	33	1.162	85	.816	*		
34	.826	.797	*	84	.833	.785	*	34	1.058	86	.810	*		
35	.822	.793	*	85	.833	.797	*	35	1.012	87	.796	*		
36	.821	.787	*	86	.828	.798	*	36	1.018	88	.781	*		
37	.818	.779	*	87	.822	.792	*	37	1.024	89	.763	*		
38	.817	.770	*	88	.819	.780	*	38	1.018	90	.751	*		
39	.818	.763	*	89	.817	.764	*	39	.999	91	.748	*		
40	.813	.759	*	90	.808	.755	*	40	.974	92	.738	*		
41	.809	.754	*	91	.792	.750	*	41	.944	93	.730	*		
42	.808	.751	*	92	.784	.755	*	42	.914	94	.726	*		
43	.800	.747	*	93	.774	.762	*	43	.884	95	.722	*		
44	.791	.747	*	94	.778	.764	*	44	.852	96	.726	*		
45	.785	.747	*	95	.777	.768	*	45	.823	97	.728	*		
46	.784	.750	*	96	.770	.768	*	46	.798	98	.769	*		
47	.782	.756	*				*	47	.776	99	.823	*		
48	.780	.759	*				*	48	.760	100	.762	*		
49	.778	.762	*				*	49	.746	101	.610	*		
50	.775	.763	*				*	50	.736	102	.445	*		
51	.776	.764	*				*	51	.727	103	.311	*		
52	.777	.765	*	PRISES COL			*	52	.719					
53	.779	.768	*											
54	.779	.770	*		.840	1.209	*		REFERENCE PROFIL					
55	.778	.769	*		.879	.877	*		.772					
56	.775	.769	*		.931	.842	*		.773					
57	.770	.766	*		.977	.816	*		.772					
58	.761	.760	*		1.143	.788	*		.771					

********** FICHIER AD323 N0(IT)= 4
3/ 4/85 14H10 M=.78 PI=1.7 TI=TA I=+.25 (RM) AD323
DE AD322 4'ITE

MACH DE REFERENCE= .7843 UINF= 255.169 M/S
TIV=295.7 K PIV= 1731 MB

I	MACH PAROIS HAUT	BAS		I	HAUT	BAS	I	MACH PROFIL EXT	I	INT	I	T(K) TPR
1	.788	.777	PRISES DOUBLES				1	.058	53	.726	1	291.1
2	.788	.783					2	.185	54	.720	2	289.9
3	.787	.779		59	.783	.780	3	.301	55	.721	3	289.6
4	.783	.779		60	.789	.782	4	.413	56	.725	4	289.3
5	.781	.781		61	.785	.775	5	.504	57	.731	5	289.1
6	.781	.782					6	.562	58	.738	6	289.1
7	.783	.781	PRISES LAT. GAUCHES				7	.603	59	.747	7	290.0
8	.783	.778					8	.638	60	.757	8	290.8
9	.784	.783		62	.784	.782	9	.672	61	.769	9	291.8
10	.786	.776		63	.781	.784	10	.710	62	.783	10	291.4
11	.785	.779		64	.787	.774	11	.747	63	.797	11	290.9
12	.780	.778		65	.792	.754	12	.789	64	.812	12	290.7
13	.785	.774		66	.819	.758	13	.891	65	.830	13	291.1
14	.784	.776		67	.849	.799	14	1.005	66	.848	14	291.6
15	.786	.778		68	.847	.812	15	1.054	67	.871	15	291.7
16	.786	.776		69	.837	.795	16	1.107	68	.894	16	289.9
17	.787	.772		70	.822	.769	17	1.137	69	.921	17	289.6
18	.790	.765		71	.794	.764	18	1.152	70	.947	18	289.7
19	.784	.763		72	.788	.776	19	1.163	71	.971	19	290.1
20	.787	.761		73	.783	.788	20	1.166	72	.990		
21	.793	.757					21	1.170	73	.999	I	TPG
22	.802	.749	PRISES LAT. DROITES				22	1.183	74	1.001		
23	.811	.744					23	1.181	75	.989	1	295.8
24	.815	.748		74	.785	.782	24	1.185	76	.976	2	295.8
25	.820	.761		75	.784	.781	25	1.185	77	.959	3	295.8
26	.826	.768		76	.784	.779	26	1.187	78	.940	4	295.8
27	.837	.778		77	.784	.774	27	1.191	79	.919	5	295.7
28	.844	.793		78	.786	.773	28	1.194	80	.901		
29	.849	.804		79	.785	.760	29	1.199	81	.885		
30	.850	.811		80	.793	.756	30	1.202	82	.872		
31	.853	.810		81	.813	.746	31	1.207	83	.858		
32	.851	.819		82	.817	.760	32	1.216	84	.844		
33	.851	.817		83	.835	.778	33	1.219	85	.833		
34	.843	.810		84	.850	.799	34	1.222	86	.826		
35	.839	.806		85	.851	.811	35	1.228	87	.812		
36	.838	.800		86	.846	.813	36	1.231	88	.795		
37	.834	.792		87	.839	.805	37	1.082	89	.778		
38	.833	.784		88	.836	.793	38	.995	90	.766		
39	.834	.777		89	.832	.778	39	.968	91	.762		
40	.827	.773		90	.820	.769	40	.947	92	.751		
41	.822	.768		91	.802	.762	41	.925	93	.743		
42	.821	.765		92	.797	.766	42	.900	94	.739		
43	.810	.761		93	.789	.773	43	.875	95	.736		
44	.801	.760		94	.790	.775	44	.849	96	.741		
45	.797	.758		95	.787	.776	45	.826	97	.745		
46	.795	.761		96	.783	.776	46	.805	98	.790		
47	.796	.767					47	.789	99	.849		
48	.795	.770					48	.776	100	.784		
49	.793	.773					49	.765	101	.628		
50	.788	.774					50	.756	102	.460		
51	.788	.776					51	.747	103	.325		
52	.787	.776		PRISES COL			52	.738				
53	.790	.780										
54	.790	.783			.854	1.203		REFERENCE PROFIL				
55	.790	.781			.890	.870		.783				
56	.786	.780			.941	.840		.783				
57	.782	.775			.984	.820		.782				
58	.773	.764			1.150	.793		.782				

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********************************  FICHIER AD324      N0(IT)=  4
 3/ 4/85 14H30  M=.785 PI=1.7 TI=TA   I=+.25 (RM  ) AD324
DE  AD323 4'ITE
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        MACH DE REFERENCE= .7904       UINF=  257.186 M/S
                          TIV=296.3 K      PIV=  1741 MB
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I	MACH PAROIS HAUT	BAS		I	HAUT	BAS
1	.794	.782	PRISES DOUBLES			
2	.793	.788				
3	.791	.785		59	.788	.785
4	.787	.784		60	.797	.788
5	.786	.787		61	.793	.783
6	.786	.788				
7	.788	.787	PRISES LAT. GAUCHES			
8	.790	.784				
9	.791	.789		62	.789	.788
10	.794	.781		63	.788	.790
11	.792	.785		64	.791	.781
12	.787	.784		65	.799	.763
13	.790	.780		66	.824	.783
14	.786	.783		67	.856	.809
15	.787	.784		68	.856	.823
16	.786	.782		69	.846	.803
17	.791	.779		70	.829	.776
18	.799	.772		71	.801	.772
19	.795	.770		72	.795	.782
20	.796	.770		73	.793	.796
21	.799	.765				
22	.806	.756	PRISES LAT. DROITES			
23	.815	.750				
24	.818	.753		74	.789	.788
25	.824	.766		75	.790	.787
26	.832	.774		76	.792	.785
27	.843	.786		77	.788	.780
28	.850	.802		78	.790	.780
29	.857	.815		79	.796	.768
30	.858	.823		80	.800	.765
31	.862	.822		81	.817	.753
32	.860	.831		82	.821	.765
33	.861	.828		83	.841	.785
34	.852	.820		84	.857	.810
35	.849	.815		85	.859	.823
36	.848	.809		86	.854	.823
37	.844	.800		87	.848	.813
38	.841	.791		88	.845	.800
39	.841	.783		89	.840	.785
40	.835	.780		90	.827	.776
41	.830	.775		91	.808	.771
42	.828	.772		92	.803	.774
43	.817	.768		93	.795	.779
44	.807	.767		94	.797	.782
45	.803	.766		95	.794	.783
46	.801	.769		96	.793	.784
47	.802	.774				
48	.801	.777				
49	.799	.779				
50	.795	.780				
51	.796	.782				
52	.794	.784	PRISES COL			
53	.797	.788				
54	.797	.790			.861	1.135
55	.797	.789			.897	.867
56	.794	.787			.946	.840
57	.791	.783			.988	.822
58	.784	.772			1.154	.797

I	MACH PROFIL EXT	I	INT
1	.061	53	.739
2	.176	54	.732
3	.293	55	.731
4	.403	56	.735
5	.496	57	.740
6	.554	58	.747
7	.596	59	.756
8	.631	60	.765
9	.665	61	.778
10	.703	62	.792
11	.742	63	.807
12	.784	64	.822
13	.827	65	.840
14	1.001	66	.859
15	1.051	67	.882
16	1.105	68	.906
17	1.136	69	.934
18	1.152	70	.961
19	1.163	71	.988
20	1.165	72	1.011
21	1.172	73	1.022
22	1.185	74	1.025
23	1.183	75	1.009
24	1.188	76	.994
25	1.188	77	.974
26	1.191	78	.954
27	1.195	79	.932
28	1.200	80	.913
29	1.204	81	.897
30	1.211	82	.882
31	1.216	83	.869
32	1.224	84	.854
33	1.230	85	.842
34	1.235	86	.836
35	1.241	87	.822
36	1.255	88	.806
37	1.193	89	.789
38	1.026	90	.776
39	.974	91	.783
40	.945	92	.762
41	.919	93	.755
42	.895	94	.751
43	.873	95	.749
44	.851	96	.754
45	.832	97	.761
46	.816	98	.809
47	.803	99	.870
48	.792	100	.806
49	.782	101	.644
50	.773	102	.474
51	.765	103	.337
52	.754		

I	T(K) TPR
1	291.8
2	290.6
3	290.2
4	289.9
5	289.7
6	289.6
7	290.6
8	291.5
9	292.4
10	292.0
11	291.5
12	291.2
13	291.7
14	292.3
15	292.2
16	290.4
17	290.3
18	290.3
19	290.5

I	TPG
1	296.4
2	296.5
3	296.4
4	296.4
5	296.4

REFERENCE PROFIL

.789
.789
.789
.788

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********************************   FICHIER AD325      N0(IT)=  4
 3/ 4/85 14H50  M=.738 PI=1.7 TI=TA   I=+.25 (RM  ) AD325
DE  AD321 4'ITE
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MACH DE REFERENCE= .7416 UINF= 243.107 M/S
TIV=296.7 K PIV= 1662 MB

MACH PAROIS I	HAUT	BAS	I	HAUT	BAS	MACH PROFIL I	EXT	I	INT	T(K) I	TPR
1	.744	.735	PRISES DOUBLES			1	.051	53	.681	1	292.0
2	.742	.738				2	.210	54	.678	2	290.8
3	.742	.735	59	.740	.735	3	.325	55	.679	3	291.1
4	.741	.736	60	.748	.740	4	.434	56	.683	4	291.1
5	.740	.739	61	.744	.734	5	.524	57	.689	5	291.1
6	.740	.738				6	.579	58	.696	6	291.1
7	.741	.737	PRISES LAT. GAUCHES			7	.617	59	.704	7	291.3
8	.744	.738				8	.650	60	.713	8	291.9
9	.745	.744	62	.741	.738	9	.681	61	.724	9	293.0
10	.744	.735	63	.741	.742	10	.716	62	.737	10	292.6
11	.743	.737	64	.743	.733	11	.753	63	.750	11	292.3
12	.739	.737	65	.752	.716	12	.793	64	.763	12	292.1
13	.742	.733	66	.771	.715	13	.891	65	.778	13	292.3
14	.738	.734	67	.787	.749	14	.999	66	.795	14	292.7
15	.739	.734	68	.789	.759	15	1.041	67	.815	15	292.6
16	.740	.733	69	.784	.746	16	1.088	68	.833	16	291.1
17	.744	.731	70	.770	.726	17	1.109	69	.853	17	291.2
18	.750	.727	71	.750	.725	18	1.116	70	.872	18	291.2
19	.748	.724	72	.746	.733	19	1.118	71	.888	19	291.3
20	.751	.722	73	.745	.742	20	1.113	72	.899		
21	.753	.718				21	1.105	73	.903	I	TPG
22	.756	.713	PRISES LAT. DROITES			22	1.039	74	.903		
23	.762	.709				23	1.017	75	.897	1	296.8
24	.766	.709	74	.742	.738	24	1.018	76	.890	2	296.9
25	.771	.717	75	.742	.737	25	1.016	77	.879	3	296.8
26	.775	.723	76	.743	.737	26	1.013	78	.865	4	296.8
27	.781	.731	77	.739	.732	27	1.012	79	.850	5	296.8
28	.784	.743	78	.742	.732	28	1.012	80	.836		
29	.786	.753	79	.748	.723	29	1.014	81	.823		
30	.787	.758	80	.753	.717	30	1.014	82	.811		
31	.790	.758	81	.764	.711	31	1.013	83	.800		
32	.790	.765	82	.770	.717	32	1.014	84	.789		
33	.793	.764	83	.780	.731	33	1.014	85	.780		
34	.788	.758	84	.787	.749	34	1.012	86	.772		
35	.787	.756	85	.788	.759	35	1.012	87	.760		
36	.786	.751	86	.788	.760	36	1.011	88	.744		
37	.782	.744	87	.786	.754	37	1.003	89	.728		
38	.779	.737	88	.784	.745	38	.989	90	.716		
39	.777	.731	89	.776	.732	39	.970	91	.712		
40	.772	.728	90	.768	.726	40	.946	92	.703		
41	.769	.725	91	.758	.725	41	.918	93	.695		
42	.768	.723	92	.752	.726	42	.890	94	.690		
43	.764	.721	93	.747	.731	43	.860	95	.686		
44	.758	.721	94	.748	.733	44	.829	96	.688		
45	.755	.721	95	.744	.746	45	.800	97	.688		
46	.752	.723	96	.745	.746	46	.773	98	.722		
47	.751	.727				47	.749	99	.766		
48	.750	.728				48	.731	100	.708		
49	.750	.730				49	.716	101	.568		
50	.747	.732				50	.705	102	.412		
51	.747	.733				51	.696	103	.281		
52	.746	.735	PRISES COL			52	.688				
53	.747	.736									
54	.745	.737	.808	1.189		REFERENCE PROFIL					
55	.746	.738	.847	.892		.741					
56	.744	.739	.905	.840		.741					
57	.743	.742	.957	.799		.741					
58	.740	.748	1.127	.764		.740					

********** FICHIER AD326 N0(IT)= 4
3/ 4/85 15H 5 M=.716 PI=1.7 TI=TA I=+.25 (RM) AD326
DE AD325 4'ITE

MACH DE REFERENCE= .7183 UINF= 236.281 M/S
TIV=296.9 K PIV= 1629 MB

I	MACH PAROIS HAUT	BAS		I	HAUT	BAS	MACH PROFIL I	EXT	I	INT	I	T(K) TPR
1	.721	.712	PRISES DOUBLES				1	.037	53	.658	1	292.7
2	.720	.715					2	.216	54	.655	2	291.8
3	.720	.712		59	.717	.713	3	.330	55	.658	3	292.1
4	.720	.713		60	.723	.717	4	.437	56	.662	4	292.1
5	.719	.716		61	.721	.713	5	.526	57	.667	5	292.1
6	.717	.715					6	.580	58	.674	6	292.1
7	.717	.714	PRISES LAT. GAUCHES				7	.617	59	.681	7	292.2
8	.718	.715					8	.647	60	.690	8	292.7
9	.719	.720		62	.719	.715	9	.678	61	.700	9	293.7
10	.720	.712		63	.718	.718	10	.712	62	.713	10	293.4
11	.720	.714		64	.721	.710	11	.748	63	.725	11	293.1
12	.717	.714		65	.728	.697	12	.786	64	.737	12	293.0
13	.720	.711		66	.746	.694	13	.881	65	.751	13	293.1
14	.717	.711		67	.757	.723	14	.979	66	.766	14	293.4
15	.717	.712		68	.759	.732	15	1.018	67	.784	15	293.2
16	.718	.711		69	.756	.721	16	1.055	68	.802	16	291.9
17	.721	.708		70	.744	.704	17	1.058	69	.819	17	292.2
18	.727	.703		71	.728	.702	18	1.053	70	.835	18	292.1
19	.724	.702		72	.721	.713	19	1.025	71	.850	19	292.0
20	.726	.702		73	.720	.720	20	1.004	72	.859		
21	.729	.699					21	.998	73	.862	I	TPG
22	.734	.694	PRISES LAT. DROITES				22	.997	74	.863		
23	.740	.689					23	.984	75	.858	1	297.1
24	.742	.689		74	.720	.716	24	.977	76	.851	2	297.2
25	.746	.696		75	.718	.714	25	.971	77	.842	3	297.1
26	.748	.700		76	.719	.714	26	.967	78	.830	4	297.0
27	.753	.707		77	.718	.710	27	.965	79	.817	5	297.1
28	.755	.718		78	.720	.709	28	.964	80	.804		
29	.757	.726		79	.724	.700	29	.964	81	.793		
30	.757	.731		80	.729	.699	30	.963	82	.782		
31	.759	.729		81	.741	.690	31	.963	83	.772		
32	.759	.736		82	.745	.695	32	.963	84	.762		
33	.762	.734		83	.752	.708	33	.963	85	.754		
34	.757	.729		84	.758	.724	34	.963	86	.745		
35	.757	.728		85	.758	.732	35	.963	87	.734		
36	.757	.725		86	.758	.732	36	.962	88	.720		
37	.754	.720		87	.757	.728	37	.957	89	.705		
38	.752	.714		88	.756	.720	38	.948	90	.693		
39	.751	.710		89	.750	.710	39	.933	91	.688		
40	.747	.707		90	.743	.705	40	.914	92	.680		
41	.744	.704		91	.735	.701	41	.890	93	.672		
42	.744	.702		92	.730	.702	42	.865	94	.668		
43	.739	.699		93	.723	.709	43	.839	95	.663		
44	.735	.698		94	.724	.712	44	.810	96	.665		
45	.731	.698		95	.721	.721	45	.781	97	.664		
46	.730	.699		96	.720	.720	46	.754	98	.694		
47	.729	.703					47	.730	99	.734		
48	.728	.705					48	.710	100	.679		
49	.726	.709					49	.694	101	.545		
50	.723	.712					50	.682	102	.393		
51	.722	.713					51	.672	103	.265		
52	.722	.714		PRISES COL			52	.664				
53	.723	.715										
54	.722	.715			.783	1.169		REFERENCE PROFIL				
55	.722	.716			.827	.910		.718				
56	.721	.716			.890	.842		.718				
57	.719	.717			.943	.790		.718				
58	.715	.721			1.113	.748		.717				

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******************************   FICHIER AD327      N0(IT)=  4
 3/ 4/85 16H10  M=.756 PI=2.5 TI=TA   I=+.25 (RMP ) AD327
DE  AD321 4'ITE
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MACH DE REFERENCE= .7625 UINF= 249.950 M/S
TIV=298.4 K PIV= 2495 MB

I	MACH PAROIS HAUT	MACH PAROIS BAS	I	HAUT	BAS	MACH PROFIL I	EXT	I	INT	I	T(K) TPR
1	.765	.753	PRISES DOUBLES			1	.010	53	.692	1	294.8
2	.761	.756				2	.202	54	.689	2	293.0
3	.762	.754	59	.758	.751	3	.321	55	.692	3	292.7
4	.764	.760	60	.766	.758	4	.432	56	.697	4	292.6
5	.764	.764	61	.767	.754	5	.524	57	.703	5	293.0
6	.760	.759				6	.579	58	.711	6	293.0
7	.759	.753	PRISES LAT. GAUCHES			7	.619	59	.718	7	293.2
8	.764	.755				8	.652	60	.729	8	294.1
9	.766	.763	62	.762	.762	9	.684	61	.740	9	295.3
10	.763	.752	63	.764	.761	10	.723	62	.754	10	295.0
11	.761	.760	64	.768	.754	11	.759	63	.768	11	294.4
12	.758	.762	65	.775	.734	12	.799	64	.781	12	294.2
13	.763	.757	66	.794	.736	13	.899	65	.797	13	294.7
14	.761	.755	67	.819	.770	14	1.017	66	.811	14	295.2
15	.763	.755	68	.819	.781	15	1.060	67	.831	15	295.5
16	.765	.754	69	.811	.766	16	1.112	68	.853	16	293.6
17	.768	.751	70	.799	.743	17	1.138	69	.875	17	293.4
18	.772	.745	71	.774	.745	18	1.150	70	.895	18	293.4
19	.768	.742	72	.765	.753	19	1.156	71	.914	19	293.7
20	.772	.739	73	.765	.763	20	1.159	72	.927		
21	.777	.736				21	1.159	73	.933	I	TPG
22	.784	.732	PRISES LAT. DROITES			22	1.171	74	.934		
23	.789	.728				23	1.165	75	.927	1	298.5
24	.790	.728	74	.762	.760	24	1.165	76	.918	2	298.5
25	.795	.737	75	.760	.754	25	1.161	77	.906	3	298.5
26	.800	.743	76	.762	.756	26	1.159	78	.891	4	298.4
27	.808	.750	77	.760	.754	27	1.158	79	.874	5	298.4
28	.813	.763	78	.767	.753	28	1.155	80	.858		
29	.818	.773	79	.768	.741	29	1.151	81	.845		
30	.818	.780	80	.777	.735	30	1.100	82	.832		
31	.822	.779	81	.791	.730	31	1.006	83	.820		
32	.819	.786	82	.794	.736	32	1.009	84	.808		
33	.822	.785	83	.808	.751	33	1.025	85	.799		
34	.815	.778	84	.819	.771	34	1.042	86	.791		
35	.812	.775	85	.821	.781	35	1.059	87	.777		
36	.812	.770	86	.817	.782	36	1.075	88	.760		
37	.809	.763	87	.813	.777	37	1.069	89	.742		
38	.808	.755	88	.811	.765	38	1.031	90	.724		
39	.808	.749	89	.808	.751	39	1.005	91	.728		
40	.803	.746	90	.797	.744	40	.977	92	.718		
41	.801	.742	91	.780	.743	41	.946	93	.710		
42	.798	.740	92	.775	.745	42	.916	94	.706		
43	.789	.738	93	.768	.752	43	.886	95	.701		
44	.780	.740	94	.768	.752	44	.854	96	.703		
45	.776	.740	95	.765	.764	45	.823	97	.704		
46	.774	.742	96	.765	.763	46	.794	98	.741		
47	.774	.747				47	.770	99	.791		
48	.773	.748				48	.750	100	.729		
49	.770	.752				49	.732	101	.583		
50	.767	.755				50	.720	102	.421		
51	.766	.753				51	.709	103	.288		
52	.768	.757	PRISES COL			52	.700				
53	.769	.756									
54	.766	.757	.821	1.197							
55	.767	.759	.848	1.231		REFERENCE PROFIL					
56	.766	.761	.917	1.083		.760					
57	.764	.760	.965	.878		.761					
58	.759	.761	1.134	.839		.761					
						.756					

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******************************   FICHIER AD328      N0(IT)=  4
 4/ 4/85  9H30  M=.698 PI=1.7 TI=TA   I=+.25 (RM  ) AD328
DE  AD326 4'ITE
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        MACH DE REFERENCE= .7003      UINF=  229.601 M/S
                          TIV=293.6 K      PIV=  1596 MB
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MACH PAROIS							MACH PROFIL					T(K)	
I	HAUT	BAS		I	HAUT	BAS	I	EXT	I	INT		I	TPR
1	.702	.692	*	PRISES DOUBLES			1	.044	53	.641		1	291.1
2	.700	.696	*				2	.223	54	.639		2	290.1
3	.700	.695	*	59	.699	.694	3	.335	55	.640		3	290.6
4	.701	.698	*	60	.705	.698	4	.441	56	.645		4	290.6
5	.699	.700	*	61	.702	.693	5	.527	57	.649		5	290.5
6	.699	.698	*				6	.579	58	.656		6	290.6
7	.699	.695	*	PRISES LAT. GAUCHES			7	.615	59	.663		7	290.7
8	.702	.695	*				8	.645	60	.673		8	291.1
9	.704	.700	*	62	.699	.699	9	.674	61	.682		9	292.0
10	.702	.692	*	63	.701	.699	10	.707	62	.694		10	291.6
11	.700	.697	*	64	.704	.693	11	.741	63	.705		11	291.3
12	.697	.698	*	65	.710	.677	12	.779	64	.717		12	291.1
13	.700	.695	*	66	.723	.679	13	.870	65	.730		13	291.4
14	.698	.694	*	67	.738	.704	14	.960	66	.745		14	291.7
15	.699	.694	*	68	.735	.712	15	.993	67	.761		15	292.1
16	.701	.693	*	69	.731	.702	16	1.017	68	.778		16	292.1
17	.705	.692	*	70	.726	.684	17	1.015	69	.793		17	291.6
18	.710	.688	*	71	.709	.685	18	1.003	70	.808		18	292.0
19	.706	.686	*	72	.702	.692	19	.982	71	.820		19	292.0
20	.708	.683	*	73	.702	.699	20	.964	72	.829			
21	.710	.679	*				21	.959	73	.832		I	TPG
22	.716	.675	*	PRISES LAT. DROITES			22	.957	74	.832			
23	.720	.671	*				23	.946	75	.828		1	293.6
24	.720	.673	*	74	.700	.698	24	.942	76	.822		2	293.7
25	.724	.680	*	75	.700	.695	25	.935	77	.813		3	293.6
26	.727	.685	*	76	.701	.695	26	.931	78	.802		4	293.6
27	.732	.691	*	77	.698	.693	27	.929	79	.791		5	293.6
28	.736	.700	*	78	.703	.692	28	.928	80	.779			
29	.739	.707	*	79	.706	.683	29	.928	81	.769			
30	.738	.711	*	80	.710	.679	30	.927	82	.759			
31	.740	.710	*	81	.720	.672	31	.926	83	.749			
32	.737	.715	*	82	.722	.679	32	.927	84	.740			
33	.740	.715	*	83	.731	.690	33	.926	85	.733			
34	.734	.712	*	84	.739	.704	34	.926	86	.724			
35	.732	.710	*	85	.738	.711	35	.926	87	.713			
36	.732	.707	*	86	.736	.713	36	.926	88	.699			
37	.731	.701	*	87	.731	.709	37	.922	89	.685			
38	.731	.695	*	88	.731	.701	38	.915	90	.673			
39	.732	.690	*	89	.730	.689	39	.903	91	.671			
40	.729	.686	*	90	.725	.684	40	.889	92	.663			
41	.728	.684	*	91	.714	.685	41	.868	93	.655			
42	.726	.682	*	92	.710	.687	42	.844	94	.650			
43	.720	.682	*	93	.704	.691	43	.820	95	.645			
44	.715	.683	*	94	.703	.692	44	.792	96	.648			
45	.712	.683	*	95	.701	.699	45	.765	97	.645			
46	.710	.684	*	96	.701	.698	46	.739	98	.672			
47	.711	.687	*				47	.715	99	.709			
48	.709	.689	*				48	.694	100	.655			
49	.707	.691	*				49	.677	101	.527			
50	.704	.693	*				50	.665	102	.379			
51	.703	.693	*				51	.654	103	.253			
52	.703	.694	*	PRISES COL			52	.645					
53	.704	.694	*										
54	.702	.695	*	.768	1.160		REFERENCE PROFIL						
55	.702	.695	*	.815	.960		.700						
56	.701	.696	*	.880	.853		.701						
57	.700	.697	*	.936	.790		.701						
58	.700	.699	*	1.109	.742		.698						

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******************************   FICHIER AD331      N0(IT)=  4
 5/ 4/85  9H25  M=.728 PI=1.7 TI=TA   I=+0.25  (RM  ) AD 331
DE  AD326 4'ITE
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        MACH DE REFERENCE= .7288       UINF=  237.893 M/S
                          TIV=293.2 K      PIV=  1614 MB
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MACH PAROIS I	HAUT	BAS	I	HAUT	BAS
1	.731	.722	PRISES DOUBLES		
2	.730	.726			
3	.730	.722	59	.727	.722
4	.729	.723	60	.732	.727
5	.728	.726	61	.731	.722
6	.727	.725			
7	.727	.725	PRISES LAT. GAUCHES		
8	.729	.725			
9	.729	.730	62	.729	.725
10	.729	.722	63	.727	.729
11	.729	.725	64	.732	.721
12	.726	.724	65	.738	.704
13	.730	.720	66	.757	.707
14	.728	.721	67	.770	.734
15	.730	.722	68	.771	.742
16	.731	.721	69	.767	.732
17	.733	.719	70	.754	.713
18	.737	.715	71	.738	.713
19	.732	.712	72	.731	.720
20	.735	.710	73	.731	.731
21	.738	.706			
22	.745	.701	PRISES LAT. DROITES		
23	.750	.697			
24	.753	.701	74	.729	.725
25	.757	.709	75	.728	.724
26	.760	.714	76	.727	.723
27	.764	.720	77	.727	.719
28	.768	.730	78	.731	.720
29	.769	.737	79	.733	.710
30	.769	.742	80	.739	.705
31	.772	.741	81	.752	.699
32	.772	.747	82	.756	.708
33	.775	.746	83	.764	.720
34	.770	.741	84	.770	.734
35	.769	.739	85	.771	.742
36	.769	.736	86	.770	.743
37	.766	.730	87	.769	.739
38	.764	.725	88	.767	.730
39	.762	.720	89	.761	.720
40	.758	.717	90	.754	.714
41	.755	.714	91	.745	.709
42	.755	.711	92	.740	.714
43	.750	.708	93	.732	.718
44	.745	.707	94	.734	.720
45	.741	.707	95	.732	.728
46	.740	.709	96	.730	.728
47	.739	.715			
48	.738	.718			
49	.738	.719			
50	.732	.720			
51	.732	.721			
52	.732	.722	PRISES COL		
53	.733	.724			
54	.732	.725	.792	1.179	
55	.732	.726	.836	.905	
56	.731	.727	.898	.840	
57	.729	.726	.949	.794	
58	.726	.727	1.121	.755	

MACH PROFIL I	EXT	I	INT
1	.040	53	.668
2	.213	54	.664
3	.325	55	.666
4	.435	56	.671
5	.524	57	.676
6	.578	58	.682
7	.616	59	.690
8	.648	60	.699
9	.679	61	.710
10	.713	62	.723
11	.749	63	.735
12	.789	64	.748
13	.885	65	.762
14	.989	66	.779
15	1.030	67	.797
16	1.073	68	.815
17	1.084	69	.834
18	1.087	70	.851
19	1.078	71	.866
20	1.017	72	.876
21	1.016	73	.880
22	1.018	74	.881
23	1.006	75	.875
24	1.000	76	.868
25	.992	77	.858
26	.987	78	.845
27	.986	79	.833
28	.985	80	.818
29	.985	81	.807
30	.984	82	.796
31	.982	83	.786
32	.984	84	.775
33	.983	85	.767
34	.982	86	.757
35	.983	87	.747
36	.982	88	.732
37	.976	89	.716
38	.966	90	.705
39	.949	91	.700
40	.928	92	.691
41	.902	93	.683
42	.876	94	.679
43	.848	95	.675
44	.818	96	.676
45	.789	97	.676
46	.761	98	.708
47	.738	99	.751
48	.719	100	.693
49	.703	101	.557
50	.691	102	.403
51	.682	103	.272
52	.691		

T(K) I	TPR
1	289.3
2	288.2
3	288.6
4	288.6
5	288.6
6	288.6
7	288.7
8	289.3
9	290.3
10	290.0
11	289.6
12	289.4
13	289.7
14	289.9
15	290.0
16	289.2
17	289.1
18	289.3
19	289.5

I	TPG
1	293.1
2	293.1
3	293.1
4	293.0
5	293.0

REFERENCE PROFIL
.728
.728
.727
.727

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****************************   FICHIER AD332      N0(IT)=  4
 5/ 4/85 10H35  M=.763 PI=3.0 TI=120K I=+0.25  (RMPT) AD 332
DE  AD330 4'ITE
-------------------------------------------------------------------------------
        MACH DE REFERENCE= .7661      UINF=  159.591 M/S
                      TIV=120.6 K     PIV=  2984 MB
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MACH PAROIS						MACH PROFIL				T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.772	.759	PRISES DOUBLES			1	.181	53	.680	1	117.7
2	.771	.769				2	.213	54	.677	2	116.7
3	.771	.762	59	.764	.757	3	.327	55	.680	3	115.7
4	.769	.763	60	.770	.768	4	.442	56	.686	4	117.1
5	.764	.764	61	.766	.754	5	.533	57	.693	5	116.7
6	.763	.763				6	.584	58	.701	6	116.6
7	.764	.760	PRISES LAT. GAUCHES			7	.624	59	.710	7	117.0
8	.765	.757				8	.660	60	.721	8	117.9
9	.766	.768	62	.768	.769	9	.686	61	.733	9	119.6
10	.768	.760	63	.765	.771	10	.746	62	.747	10	118.0
11	.764	.769	64	.770	.757	11	.766	63	.761	11	117.4
12	.760	.768	65	.780	.736	12	.801	64	.775	12	117.8
13	.768	.758	66	.806	.740	13	.899	65	.792	13	117.6
14	.768	.756	67	.827	.771	14	1.037	66	.807	14	117.6
15	.766	.757	68	.827	.783	15	1.063	67	.828	15	117.1
16	.767	.755	69	.818	.766	16	1.119	68	.849	16	117.1
17	.771	.752	70	.805	.745	17	1.147	69	.871	17	115.7
18	.779	.747	71	.775	.744	18	1.158	70	.891	18	115.4
19	.770	.745	72	.769	.757	19	1.166	71	.909	19	116.8
20	.775	.744	73	.768	.767	20	1.168	72	.922		
21	.774	.739				21	1.169	73	.926	I	TPG
22	.788	.733	PRISES LAT. DROITES			22	1.185	74	.927		
23	.795	.727				23	1.177	75	.920	1	119.9
24	.797	.729	74	.768	.768	24	1.178	76	.911	2	120.0
25	.804	.738	75	.767	.761	25	1.178	77	.899	3	119.9
26	.809	.745	76	.766	.763	26	1.175	78	.885	4	119.6
27	.817	.752	77	.764	.757	27	1.176	79	.868	5	119.8
28	.821	.764	78	.768	.754	28	1.176	80	.853		
29	.826	.772	79	.770	.744	29	1.176	81	.840		
30	.826	.779	80	.776	.738	30	1.177	82	.827		
31	.831	.778	81	.797	.729	31	1.174	83	.815		
32	.829	.786	82	.804	.738	32	1.172	84	.803		
33	.833	.784	83	.818	.752	33	1.080	85	.793		
34	.822	.777	84	.826	.771	34	1.000	86	.786		
35	.819	.775	85	.827	.781	35	1.009	87	.771		
36	.819	.770	86	.825	.781	36	1.033	88	.756		
37	.815	.763	87	.819	.777	37	1.054	89	.736		
38	.814	.756	88	.815	.765	38	1.050	90	.720		
39	.812	.750	89	.813	.752	39	1.019	91	.725		
40	.806	.748	90	.800	.745	40	.991	92	.720		
41	.802	.742	91	.785	.744	41	.961	93	.699		
42	.802	.740	92	.776	.745	42	.930	94	.694		
43	.794	.739	93	.770	.755	43	.901	95	.691		
44	.785	.738	94	.771	.755	44	.868	96	.697		
45	.780	.740	95	.768	.764	45	.836	97	.702		
46	.777	.741	96	.763	.763	46	.805	98	.719		
47	.776	.747				47	.777	99	.781		
48	.777	.750				48	.751	100	.721		
49	.773	.756				49	.730	101	.571		
50	.771	.757				50	.710	102	.412		
51	.769	.757				51	.694	103	.277		
52	.768	.760	PRISES COL			52	.690				
53	.771	.759									
54	.770	.762	.828	1.202		REFERENCE PROFIL					
55	.772	.764	.872	.931		.760					
56	.768	.766	.924	.869		.763					
57	.766	.762	.972	.830		.761					
58	.761	.761	1.150	.794		.757					

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****************************   FICHIER AD333      N0(IT)=  4
 5/ 4/85 11H60  M=.775 PI=3.0 TI=120K I=+0.25  (RMPT) AD 333
DE  AD332 4'ITE
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MACH DE REFERENCE= .7774 UINF= 161.465 M/S
TIV=120.3 K PIV= 2987 MB

I	MACH PAROIS HAUT	BAS	I	HAUT	BAS	I	MACH PROFIL EXT	I	INT	I	T(K) TPR
1	.784	.771	PRISES DOUBLES			1	.299	53	.687	1	117.2
2	.784	.780				2	.209	54	.686	2	115.9
3	.784	.774	59	.775	.771	3	.320	55	.690	3	115.5
4	.781	.775	60	.782	.778	4	.438	56	.696	4	116.8
5	.775	.776	61	.778	.767	5	.531	57	.702	5	116.3
6	.775	.775				6	.580	58	.711	6	115.9
7	.775	.773	PRISES LAT. GAUCHES			7	.622	59	.720	7	116.2
8	.776	.770				8	.656	60	.731	8	118.0
9	.777	.780	62	.781	.780	9	.684	61	.744	9	119.4
10	.779	.770	63	.776	.782	10	.744	62	.758	10	117.6
11	.775	.777	64	.782	.770	11	.754	63	.773	11	117.0
12	.772	.776	65	.790	.747	12	.796	64	.787	12	117.3
13	.781	.767	66	.824	.748	13	.894	65	.804	13	117.3
14	.781	.765	67	.848	.785	14	1.038	66	.820	14	117.3
15	.780	.768	68	.845	.799	15	1.065	67	.841	15	116.9
16	.779	.767	69	.833	.779	16	1.121	68	.863	16	118.0
17	.783	.765	70	.820	.755	17	1.150	69	.886	17	115.6
18	.788	.758	71	.788	.756	18	1.163	70	.908	18	116.0
19	.778	.756	72	.781	.766	19	1.173	71	.928	19	118.2
20	.784	.754	73	.779	.780	20	1.178	72	.943		
21	.783	.750				21	1.180	73	.948	I	TPG
22	.800	.744	PRISES LAT. DROITES			22	1.196	74	.950		
23	.808	.738				23	1.191	75	.942	1	119.6
24	.812	.737	74	.780	.780	24	1.194	76	.932	2	120.1
25	.822	.746	75	.779	.775	25	1.197	77	.918	3	119.4
26	.828	.753	76	.777	.774	26	1.195	78	.903	4	118.8
27	.838	.761	77	.776	.766	27	1.198	79	.884	5	119.2
28	.843	.775	78	.779	.766	28	1.203	80	.868		
29	.847	.785	79	.779	.755	29	1.206	81	.855		
30	.846	.793	80	.786	.749	30	1.211	82	.841		
31	.851	.792	81	.810	.740	31	1.213	83	.829		
32	.848	.801	82	.822	.746	32	1.222	84	.816		
33	.851	.798	83	.838	.761	33	1.227	85	.803		
34	.839	.791	84	.847	.785	34	1.233	86	.796		
35	.834	.787	85	.848	.795	35	1.235	87	.782		
36	.833	.781	86	.843	.795	36	1.245	88	.768		
37	.830	.773	87	.835	.790	37	1.254	89	.747		
38	.828	.765	88	.830	.777	38	1.083	90	.731		
39	.827	.758	89	.828	.761	39	.982	91	.731		
40	.821	.757	90	.815	.754	40	.951	92	.725		
41	.817	.751	91	.802	.756	41	.933	93	.709		
42	.817	.749	92	.790	.758	42	.912	94	.706		
43	.810	.749	93	.781	.764	43	.889	95	.704		
44	.802	.751	94	.783	.764	44	.863	96	.709		
45	.796	.753	95	.779	.776	45	.836	97	.705		
46	.792	.755	96	.774	.775	46	.808	98	.741		
47	.789	.760				47	.782	99	.806		
48	.789	.761				48	.759	100	.740		
49	.785	.765				49	.737	101	.590		
50	.782	.765				50	.720	102	.423		
51	.781	.766				51	.704	103	.284		
52	.780	.772	PRISES COL			52	.691				
53	.783	.773									
54	.782	.776	.839	1.209			REFERENCE PROFIL				
55	.784	.777	.881	.921			.773				
56	.779	.778	.932	.874			.776				
57	.777	.774	.977	.836			.773				
58	.772	.773	1.156	.805			.769				

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********************************   FICHIER AD334      N0(IT)=  4
 9/ 4/85 10H45  M=.75  PI=1.7 TI=TA   I=+0.25  (RM  ) AD 334
DE  AD325 4'ITE
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MACH DE REFERENCE= .7496 UINF= 244.380 M/S
TIV=294.1 K PIV= 1647 MB

I	MACH PAROIS HAUT	BAS	I	MACH PAROIS HAUT	BAS
1	.753	.744		PRISES DOUBLES	
2	.752	.748			
3	.752	.745	59	.748	.744
4	.751	.746	60	.754	.747
5	.750	.748	61	.753	.742
6	.749	.748			
7	.748	.745		PRISES LAT. GAUCHES	
8	.750	.744			
9	.750	.749	62	.751	.749
10	.750	.742	63	.747	.749
11	.750	.746	64	.754	.742
12	.747	.747	65	.761	.727
13	.751	.743	66	.782	.725
14	.749	.744	67	.801	.759
15	.751	.745	68	.798	.768
16	.752	.744	69	.791	.756
17	.755	.740	70	.780	.733
18	.758	.733	71	.758	.735
19	.754	.731	72	.754	.741
20	.758	.733	73	.753	.752
21	.760	.729			
22	.765	.721		PRISES LAT. DROITES	
23	.771	.715			
24	.776	.718	74	.751	.747
25	.781	.727	75	.749	.746
26	.786	.733	76	.749	.744
27	.793	.741	77	.749	.742
28	.798	.753	78	.753	.741
29	.800	.762	79	.755	.729
30	.800	.767	80	.762	.728
31	.801	.766	81	.772	.717
32	.799	.773	82	.780	.726
33	.800	.772	83	.792	.741
34	.794	.766	84	.802	.758
35	.792	.764	85	.801	.767
36	.791	.760	86	.797	.769
37	.789	.753	87	.792	.764
38	.788	.747	88	.790	.754
39	.788	.740	89	.787	.741
40	.783	.736	90	.780	.734
41	.781	.732	91	.770	.731
42	.780	.730	92	.760	.736
43	.774	.728	93	.755	.740
44	.767	.727	94	.757	.741
45	.763	.727	95	.753	.746
46	.761	.731	96	.754	.746
47	.759	.737			
48	.759	.739			
49	.757	.740			
50	.755	.741			
51	.755	.741			
52	.754	.743		PRISES COL	
53	.755	.746			
54	.754	.747		.819	1.198
55	.754	.748		.861	.889
56	.753	.748		.917	.845
57	.752	.745		.967	.809
58	.749	.739		1.136	.775

I	MACH PROFIL EXT	I	INT
1	.041	53	.692
2	.202	54	.688
3	.317	55	.689
4	.427	56	.693
5	.517	57	.700
6	.574	58	.706
7	.612	59	.713
8	.645	60	.723
9	.678	61	.733
10	.714	62	.746
11	.751	63	.760
12	.792	64	.773
13	.891	65	.789
14	.999	66	.804
15	1.045	67	.825
16	1.093	68	.844
17	1.116	69	.865
18	1.127	70	.885
19	1.130	71	.902
20	1.130	72	.914
21	1.127	73	.919
22	1.132	74	.920
23	1.117	75	.914
24	1.071	76	.906
25	1.006	77	.893
26	1.011	78	.880
27	1.019	79	.864
28	1.025	80	.848
29	1.030	81	.836
30	1.033	82	.824
31	1.034	83	.812
32	1.036	84	.801
33	1.034	85	.792
34	1.034	86	.783
35	1.033	87	.771
36	1.031	88	.756
37	1.020	89	.740
38	1.004	90	.728
39	.982	91	.724
40	.955	92	.713
41	.926	93	.705
42	.897	94	.701
43	.867	95	.698
44	.836	96	.701
45	.807	97	.701
46	.780	98	.737
47	.757	99	.785
48	.739	100	.725
49	.725	101	.592
50	.714	102	.422
51	.707	103	.290
52	.699		

I	T(K) TPR
1	290.6
2	289.2
3	289.5
4	289.6
5	289.5
6	289.6
7	289.8
8	290.5
9	291.4
10	291.1
11	290.6
12	290.4
13	290.7
14	291.1
15	291.3
16	290.9
17	290.5
18	290.8
19	290.9

I	TPG
1	294.1
2	294.1
3	294.1
4	294.1
5	294.1

REFERENCE PROFIL
.749
.749
.750
.748

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**********************************   FICHIER AD335      N0(IT)=  4
 9/ 4/85 15H50  M=.786 PI=3.0 TI=120K I=+0.25  (RMPT) AD 335
DE  AD333 4'ITE
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MACH DE REFERENCE= .7896 UINF= 163.556 M/S
TIV=120.0 K PIV= 2989 MB

MACH PAROIS I	HAUT	BAS
1	.797	.785
2	.796	.795
3	.795	.788
4	.791	.786
5	.785	.786
6	.786	.786
7	.790	.785
8	.791	.782
9	.792	.793
10	.795	.785
11	.790	.792
12	.783	.790
13	.791	.782
14	.791	.780
15	.789	.782
16	.789	.780
17	.792	.778
18	.800	.771
19	.791	.767
20	.799	.766
21	.796	.760
22	.809	.753
23	.817	.748
24	.823	.751
25	.835	.762
26	.841	.770
27	.849	.778
28	.854	.793
29	.858	.802
30	.858	.810
31	.865	.810
32	.866	.819
33	.872	.816
34	.862	.808
35	.858	.804
36	.856	.798
37	.851	.790
38	.847	.782
39	.843	.776
40	.834	.773
41	.830	.767
42	.829	.765
43	.822	.762
44	.813	.762
45	.808	.763
46	.804	.765
47	.801	.772
48	.802	.773
49	.798	.778
50	.797	.778
51	.796	.780
52	.792	.785
53	.795	.788
54	.793	.791
55	.796	.791
56	.792	.792
57	.790	.786
58	.786	.782

PRISES DOUBLES I	HAUT	BAS
59	.790	.782
60	.798	.793
61	.789	.780

PRISES LAT. GAUCHES I	HAUT	BAS
62	.791	.793
63	.791	.797
64	.791	.782
65	.804	.757
66	.837	.763
67	.859	.801
68	.866	.815
69	.854	.794
70	.832	.770
71	.801	.768
72	.795	.780
73	.792	.796

PRISES LAT. DROITES I	HAUT	BAS
74	.790	.792
75	.794	.786
76	.793	.788
77	.786	.781
78	.789	.779
79	.792	.767
80	.799	.759
81	.820	.750
82	.835	.761
83	.851	.778
84	.857	.801
85	.861	.812
86	.863	.812
87	.857	.805
88	.852	.793
89	.843	.777
90	.830	.769
91	.814	.767
92	.802	.770
93	.795	.777
94	.798	.778
95	.791	.787
96	.788	.786

PRISES COL	
.860	1.222
.893	.931
.928	.880
.984	.852
1.167	.828

MACH PROFIL I	EXT	I	INT
1	.301	53	.720
2	.186	54	.715
3	.305	55	.717
4	.420	56	.722
5	.513	57	.728
6	.565	58	.735
7	.608	59	.744
8	.644	60	.755
9	.675	61	.767
10	.720	62	.781
11	.756	63	.796
12	.788	64	.810
13	.889	65	.829
14	1.021	66	.840
15	1.061	67	.862
16	1.115	68	.887
17	1.148	69	.912
18	1.162	70	.936
19	1.173	71	.960
20	1.177	72	.978
21	1.182	73	.985
22	1.202	74	.986
23	1.195	75	.976
24	1.198	76	.964
25	1.201	77	.947
26	1.202	78	.930
27	1.207	79	.910
28	1.211	80	.891
29	1.217	81	.877
30	1.223	82	.864
31	1.227	83	.849
32	1.237	84	.838
33	1.246	85	.825
34	1.253	86	.818
35	1.261	87	.803
36	1.273	88	.787
37	1.286	89	.768
38	1.301	90	.753
39	1.088	91	.755
40	.991	92	.744
41	.948	93	.730
42	.917	94	.731
43	.891	95	.728
44	.867	96	.732
45	.844	97	.741
46	.822	98	.771
47	.802	99	.847
48	.785	100	.777
49	.769	101	.619
50	.753	102	.450
51	.741	103	.310
52	.731		

REFERENCE PROFIL
.784
.788
.790
.781

T(K) I	TPR
1	116.6
2	115.6
3	115.1
4	116.3
5	115.9
6	115.8
7	115.6
8	117.7
9	119.1
10	117.2
11	116.5
12	116.9
13	116.8
14	116.5
15	116.1
16	117.1
17	115.1
18	115.1
19	117.3

I	TPG
1	119.5
2	119.7
3	119.8
4	118.8
5	118.6

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**********************************  FICHIER AD336      N0(IT)=  4
 9/ 4/85 17H 5  M=.725 PI=3.0 TI=120K I=+0.25  (RMPT) AD 336
DE  AD330 4'ITE
-------------------------------------------------------------------------------
        MACH DE REFERENCE= .7291        UINF=  152.185 M/S
                          TIV=119.9 K     PIV=  2982 MB
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I	MACH PAROIS HAUT	BAS
1	.731	.722
2	.728	.727
3	.729	.722
4	.731	.728
5	.728	.728
6	.725	.724
7	.724	.720
8	.727	.721
9	.730	.732
10	.729	.721
11	.727	.729
12	.725	.731
13	.732	.722
14	.731	.719
15	.729	.721
16	.731	.722
17	.733	.719
18	.739	.712
19	.732	.711
20	.740	.710
21	.737	.707
22	.748	.701
23	.752	.696
24	.754	.696
25	.762	.703
26	.764	.707
27	.769	.712
28	.772	.722
29	.775	.729
30	.774	.735
31	.778	.735
32	.777	.743
33	.781	.742
34	.773	.737
35	.771	.736
36	.771	.732
37	.769	.726
38	.769	.718
39	.768	.712
40	.762	.711
41	.760	.705
42	.759	.705
43	.752	.705
44	.746	.708
45	.741	.709
46	.739	.711
47	.741	.715
48	.741	.715
49	.737	.719
50	.734	.721
51	.732	.730
52	.733	.726
53	.735	.724
54	.733	.725
55	.736	.728
56	.734	.731
57	.733	.729
58	.733	.733

I	PRISES DOUBLES HAUT	BAS
59	.723	.718
60	.732	.727
61	.731	.722

I	PRISES LAT. GAUCHES HAUT	BAS
62	.728	.730
63	.729	.730
64	.732	.723
65	.744	.704
66	.764	.705
67	.777	.729
68	.777	.742
69	.772	.729
70	.761	.708
71	.740	.712
72	.731	.719
73	.735	.730

I	PRISES LAT. DROITES HAUT	BAS
74	.728	.728
75	.727	.722
76	.728	.724
77	.727	.720
78	.730	.720
79	.731	.711
80	.739	.706
81	.753	.697
82	.762	.702
83	.770	.712
84	.776	.729
85	.777	.738
86	.776	.740
87	.772	.739
88	.769	.728
89	.768	.714
90	.760	.709
91	.745	.712
92	.741	.713
93	.733	.718
94	.733	.718
95	.732	.732
96	.731	.731

PRISES COL

.792	1.176
.826	.926
.898	.862
.950	.808
1.132	.767

I	MACH PROFIL EXT	I	INT
1	.371	53	.655
2	.228	54	.654
3	.342	55	.657
4	.457	56	.663
5	.546	57	.669
6	.593	58	.676
7	.631	59	.685
8	.663	60	.694
9	.691	61	.705
10	.720	62	.717
11	.764	63	.730
12	.797	64	.742
13	.891	65	.757
14	1.013	66	.763
15	1.045	67	.780
16	1.089	68	.799
17	1.105	69	.816
18	1.108	70	.832
19	1.107	71	.847
20	1.091	72	.856
21	1.009	73	.858
22	1.021	74	.859
23	1.012	75	.854
24	1.006	76	.847
25	1.000	77	.838
26	.994	78	.826
27	.993	79	.813
28	.992	80	.800
29	.993	81	.789
30	.993	82	.778
31	.992	83	.768
32	.994	84	.757
33	.994	85	.746
34	.993	86	.741
35	.994	87	.727
36	.995	88	.713
37	.991	89	.694
38	.981	90	.680
39	.965	91	.684
40	.948	92	.673
41	.923	93	.659
42	.896	94	.656
43	.869	95	.652
44	.840	96	.656
45	.811	97	.663
46	.781	98	.674
47	.754	99	.723
48	.728	100	.665
49	.706	101	.530
50	.687	102	.372
51	.670	103	.238
52	.657		

I	T(K) TPR
1	116.8
2	115.6
3	115.7
4	117.0
5	116.9
6	116.8
7	116.8
8	118.0
9	119.6
10	117.6
11	117.2
12	117.3
13	117.2
14	116.9
15	116.5
16	117.7
17	115.8
18	115.8
19	117.7

I	TPG
1	119.1
2	119.4
3	119.5
4	118.6
5	118.7

REFERENCE PROFIL

.722
.725
.729
.718